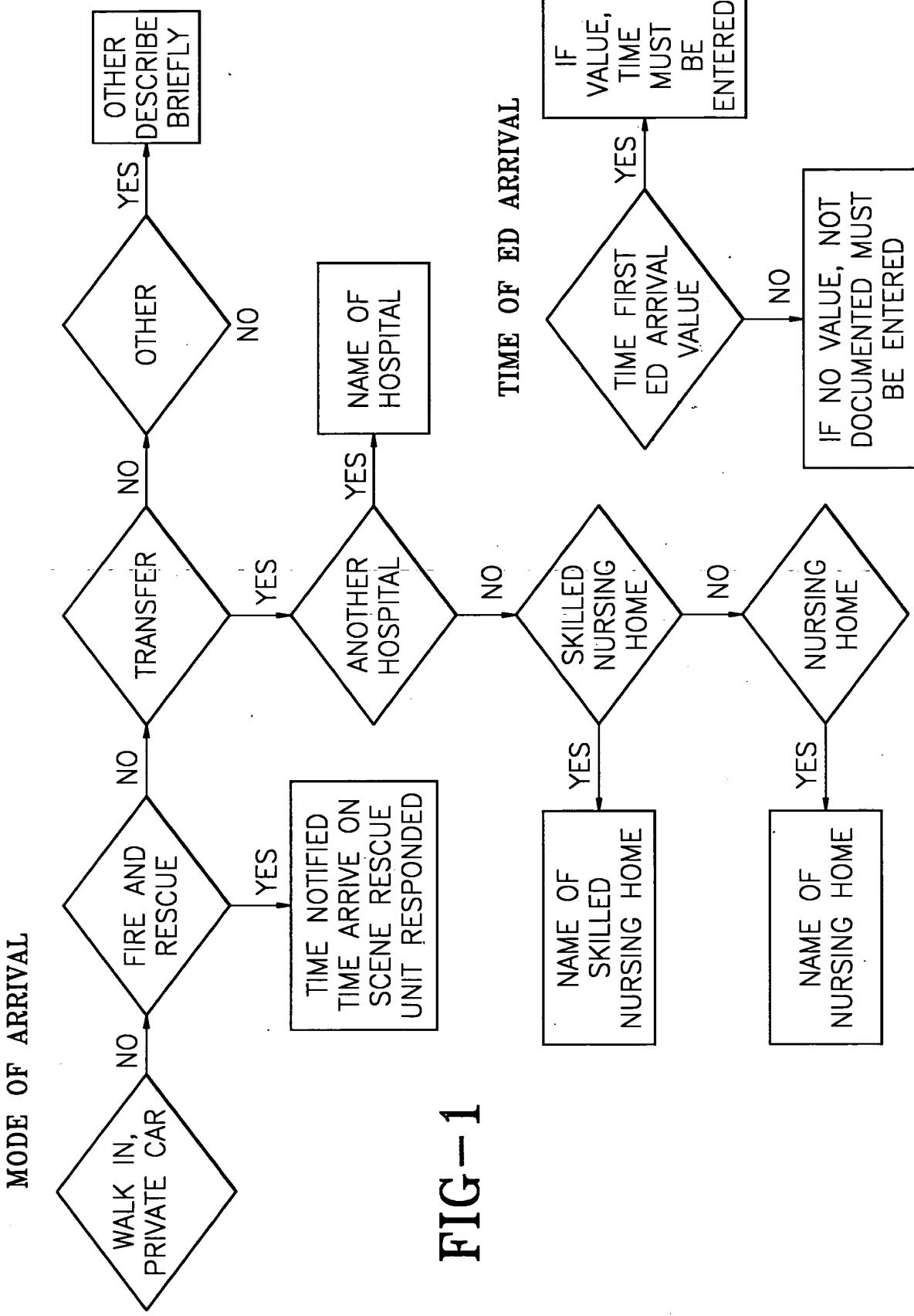
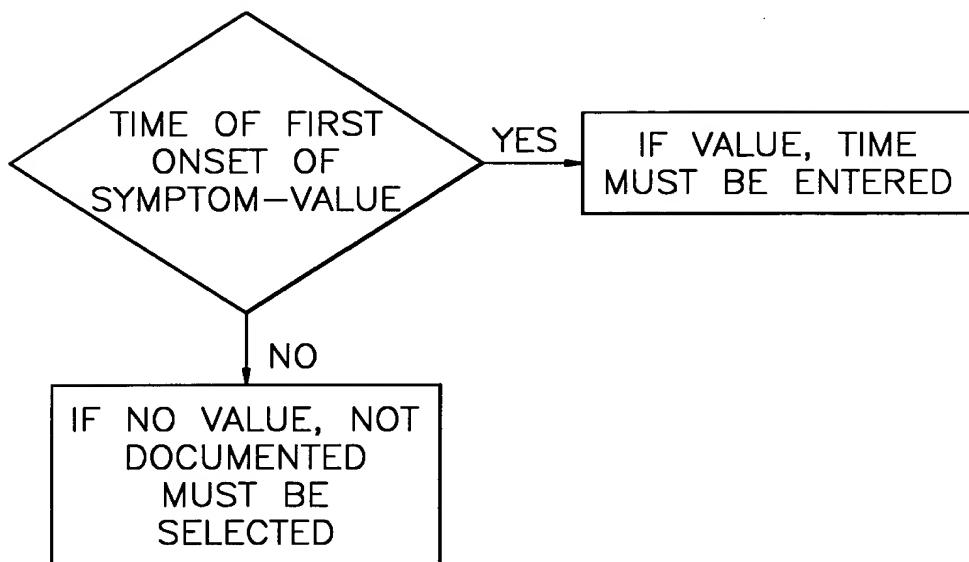


6228027



PATIENT SYMPTOMS

TIME OF FIRST ONSET



DATE OF FIRST ONSET

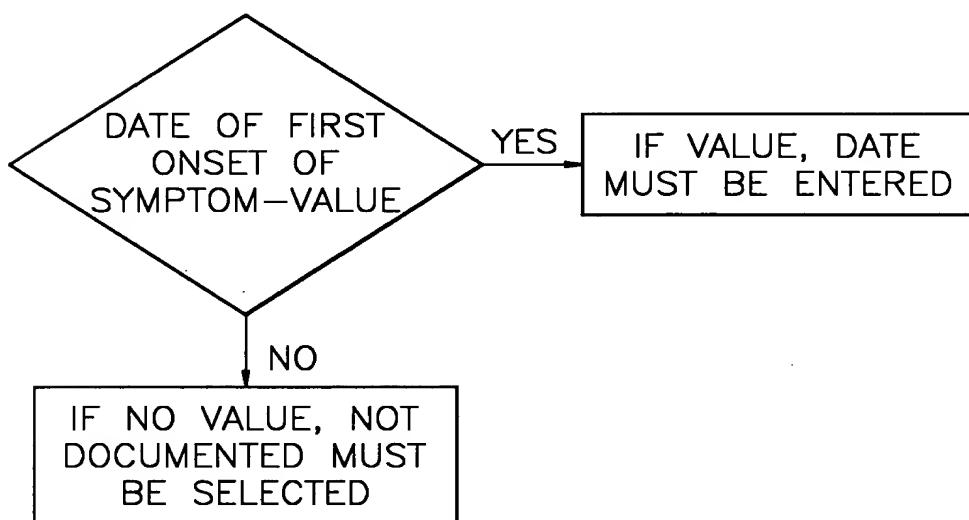
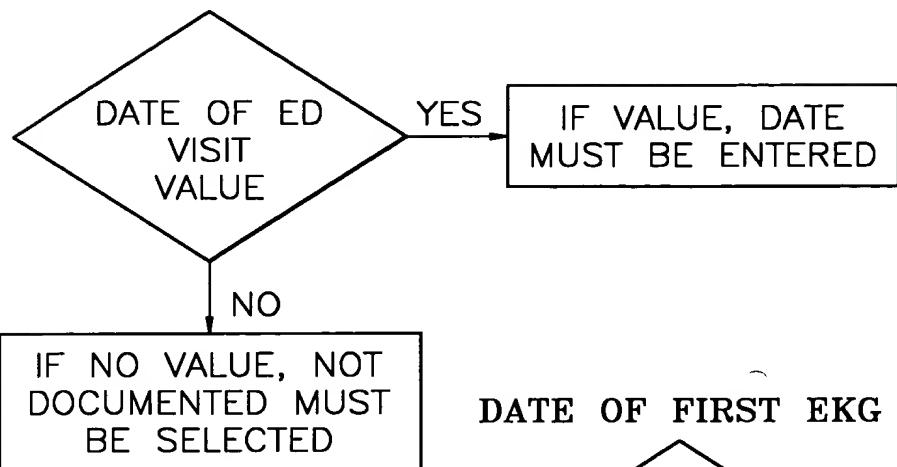


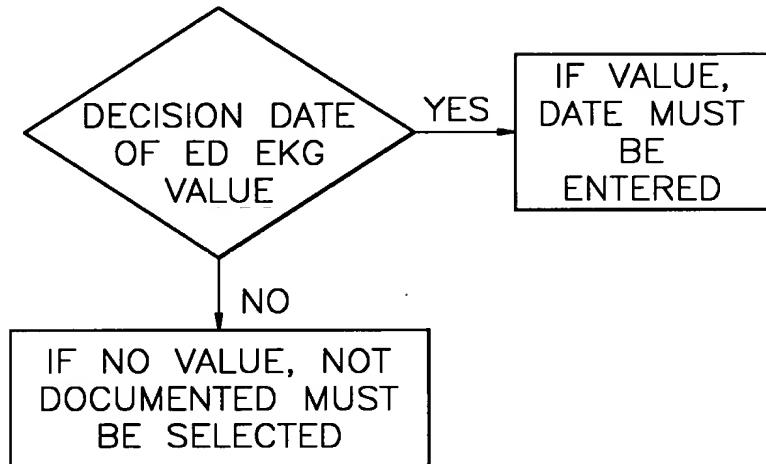
FIG-2

TIME STAMP AND THE PATIENT CARE PROCESS

DATE OF ED VISIT



DATE OF FIRST EKG



DATE EKG SEEN

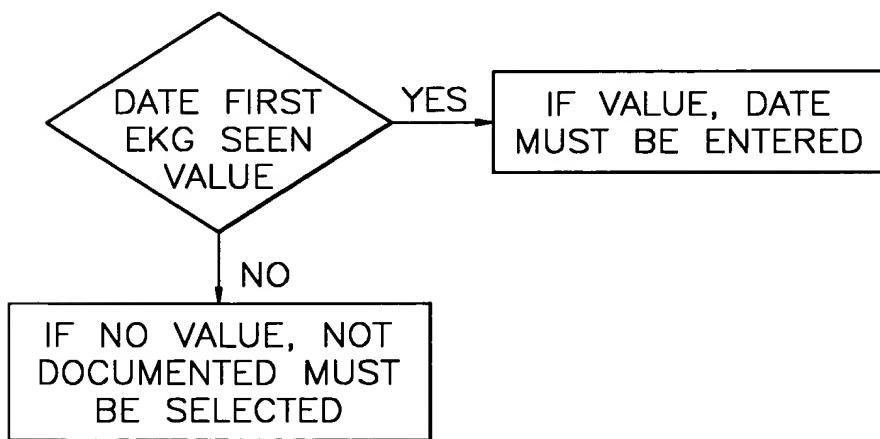
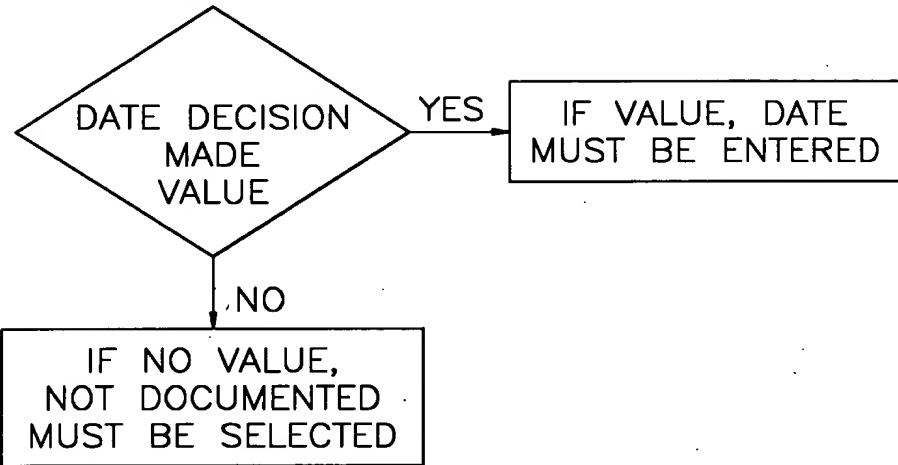


FIG-3

DATE EKG DECISION



TIME EKG DECISION

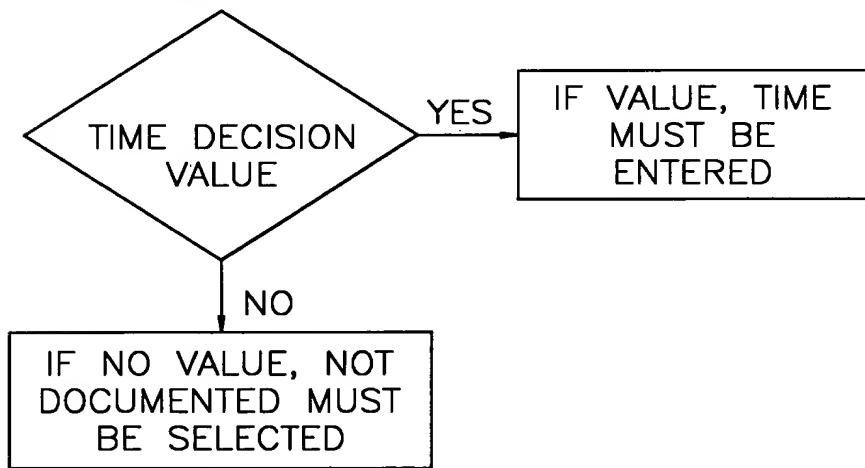
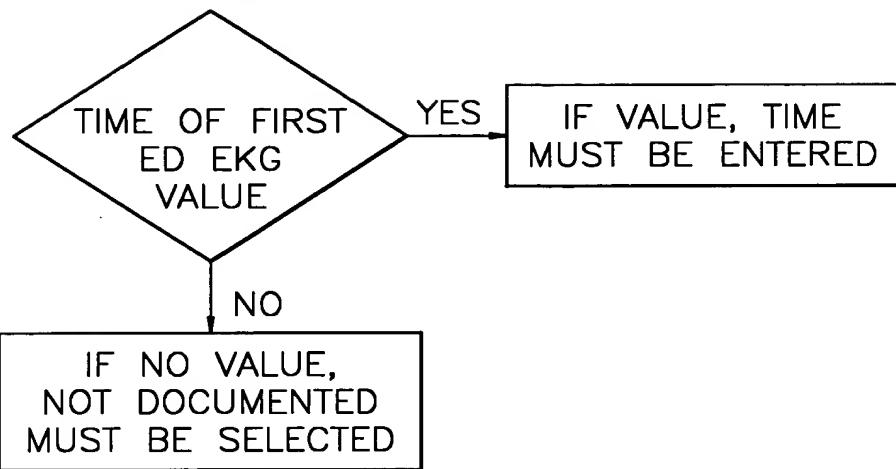


FIG-3A

EKG INFO



TIME EKG SEEN

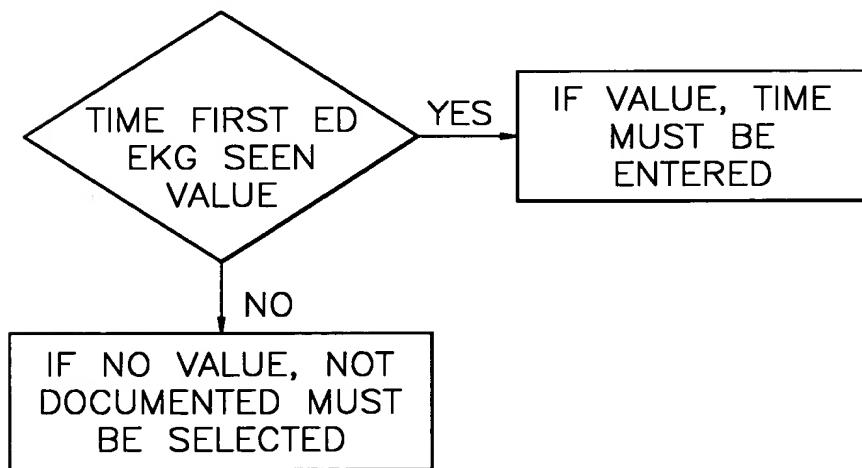


FIG-3B

DIAGNOSTIC ACUTE ISCHEMIA/INFARCTION

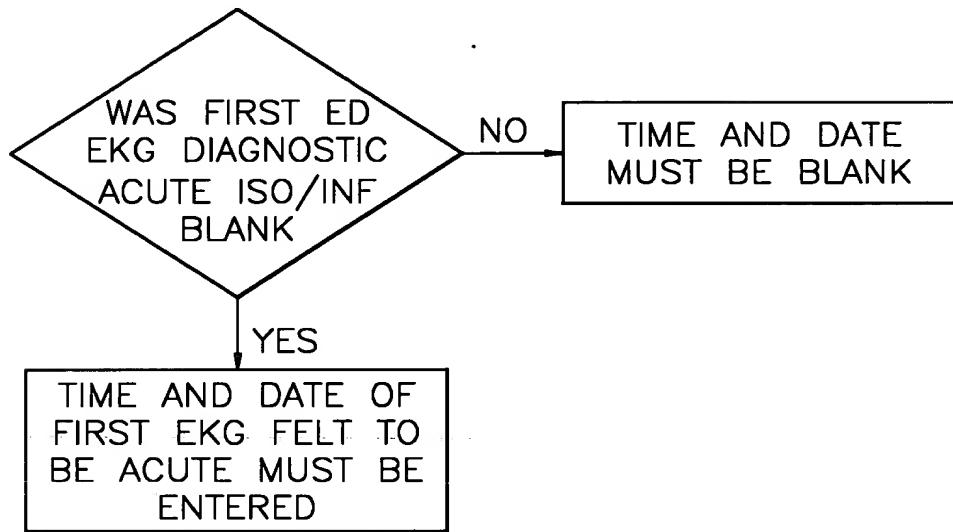


FIG-4

REPERFUSION STRATEGY

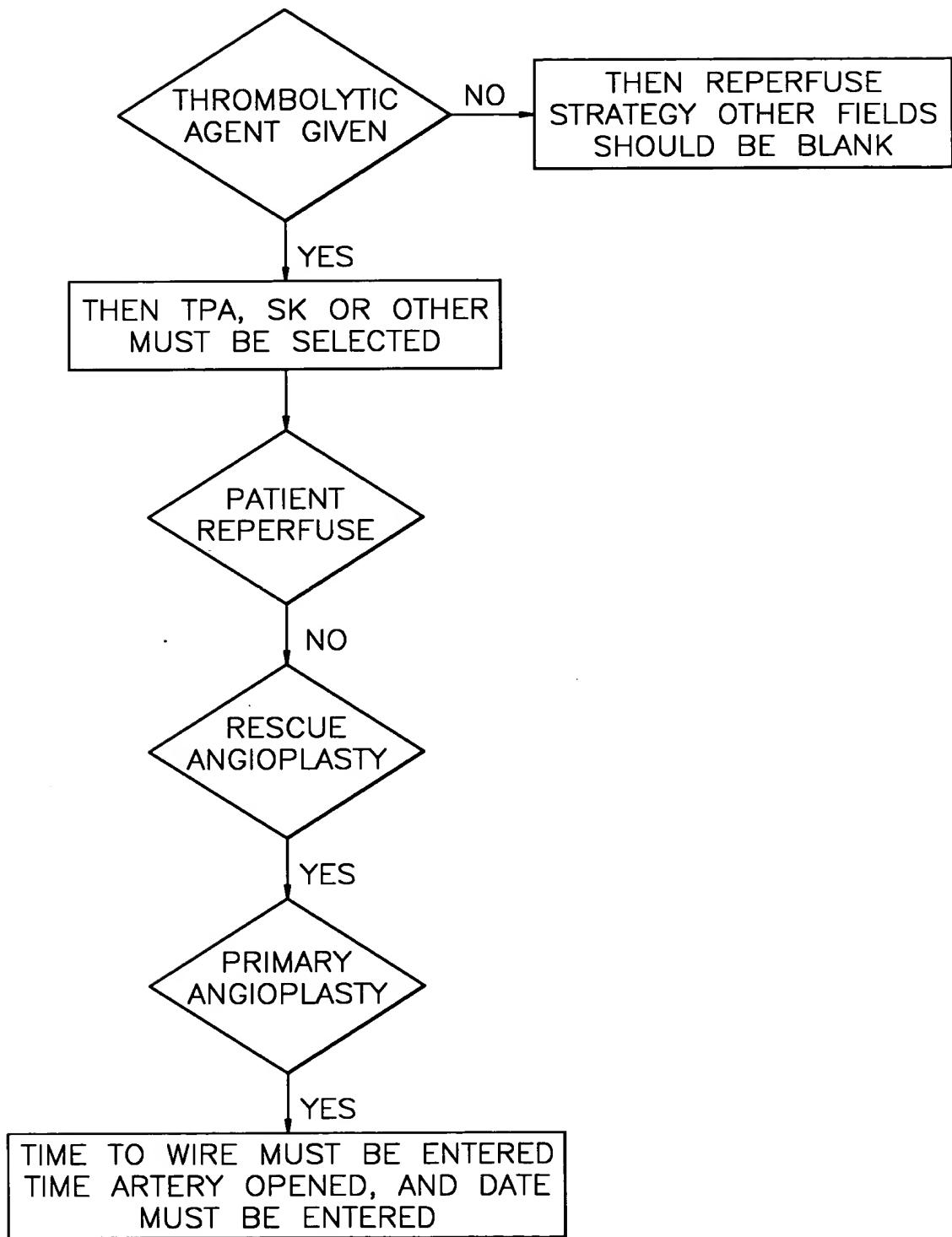


FIG-5

00000000000000000000

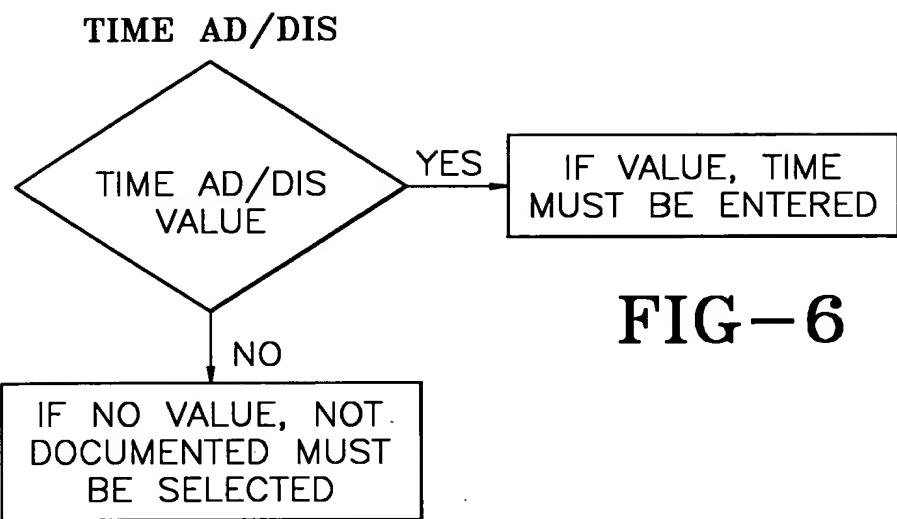
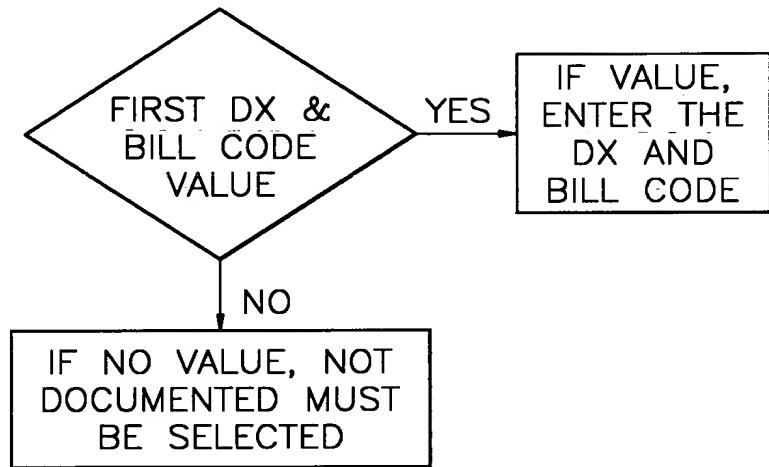
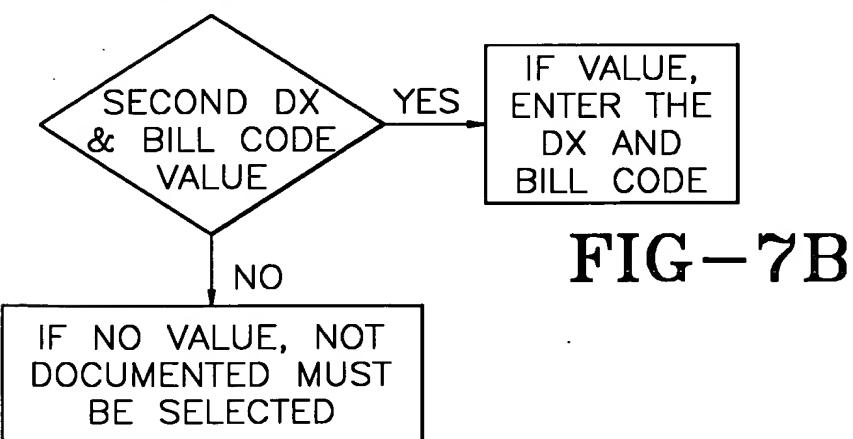


FIG-7A

FINAL ED DIAGNOSIS
FIRST DX & BILL CODE



FINAL ED DIAGNOSIS
SECOND DX & BILL CODE



PATIENT DISPOSITION FROM EMERGENCY

FINAL HOSPITAL DIAGNOSIS

FIRST DX & DRG

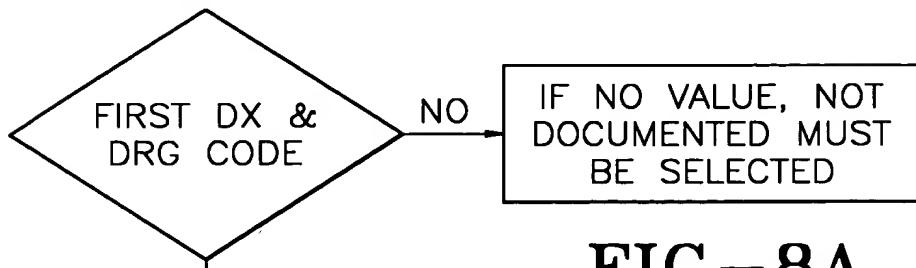


FIG-8A

FINAL HOSPITAL DIAGNOSIS

SECOND DX & DRG

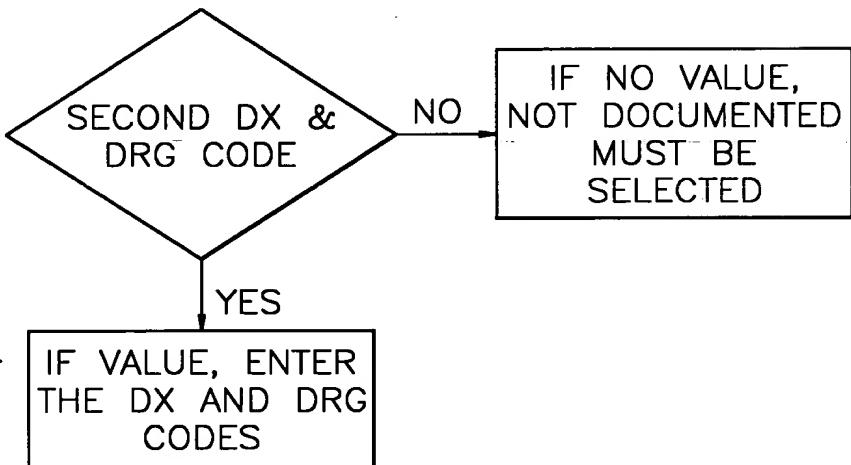


FIG-8B

FINAL HOSPITAL DIAGNOSIS

THIRD DX & DRG

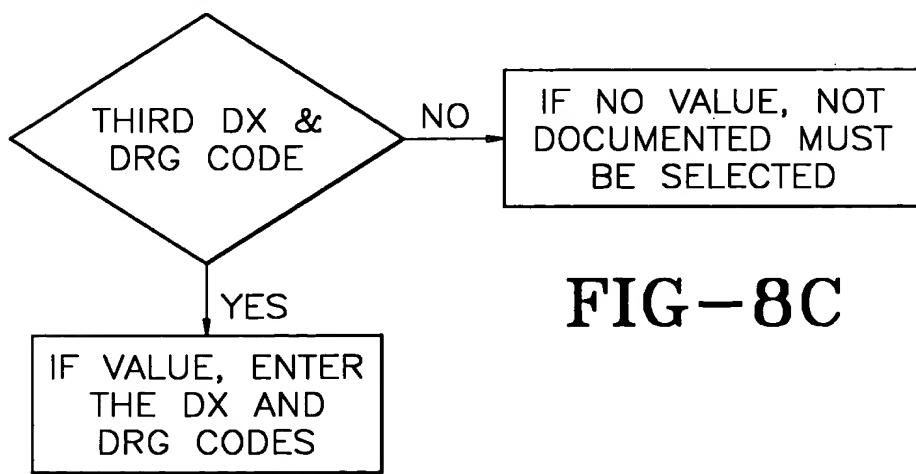


FIG-8C

PRIMARY CARE PHYSICIAN (PCP)

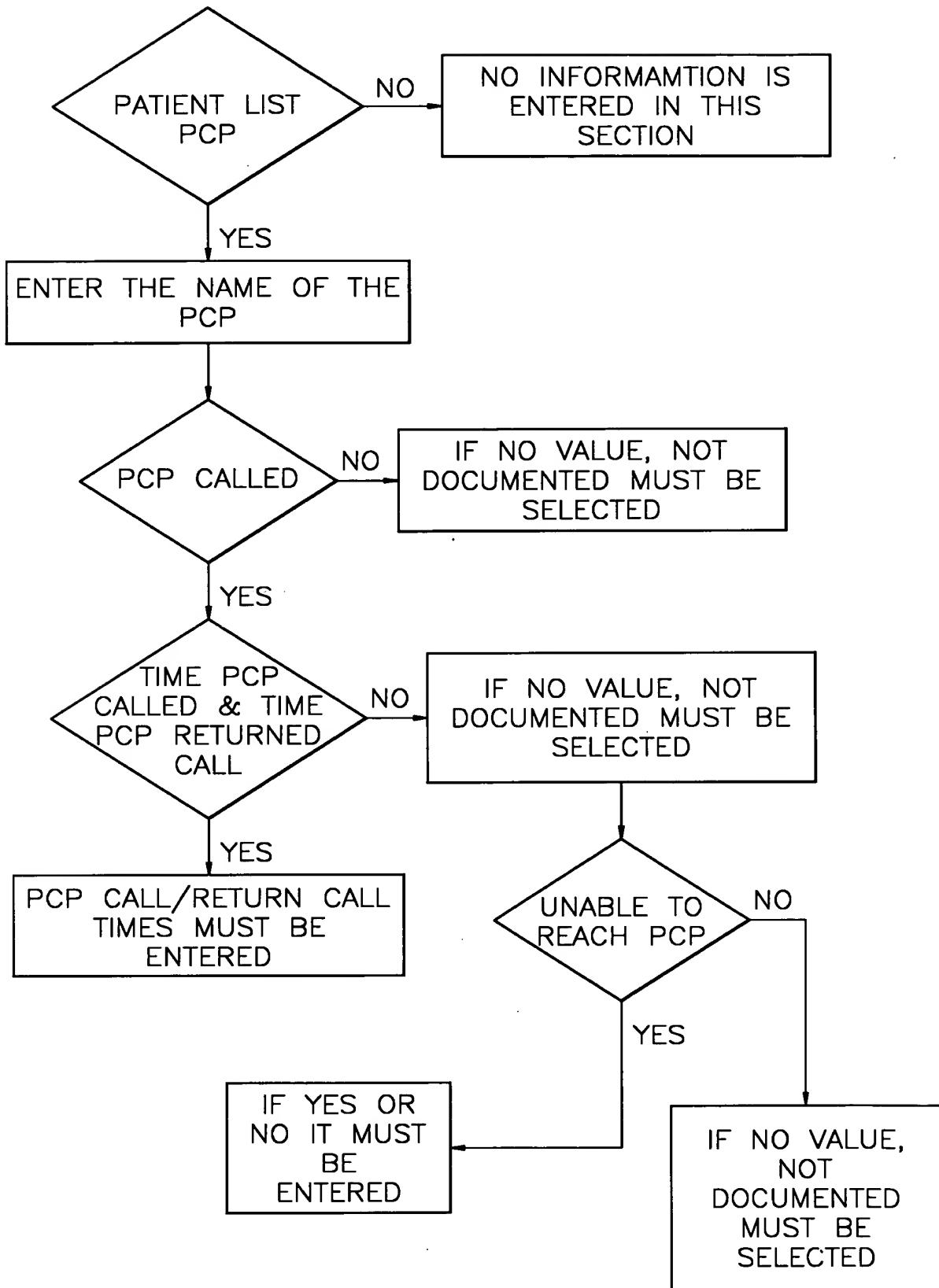
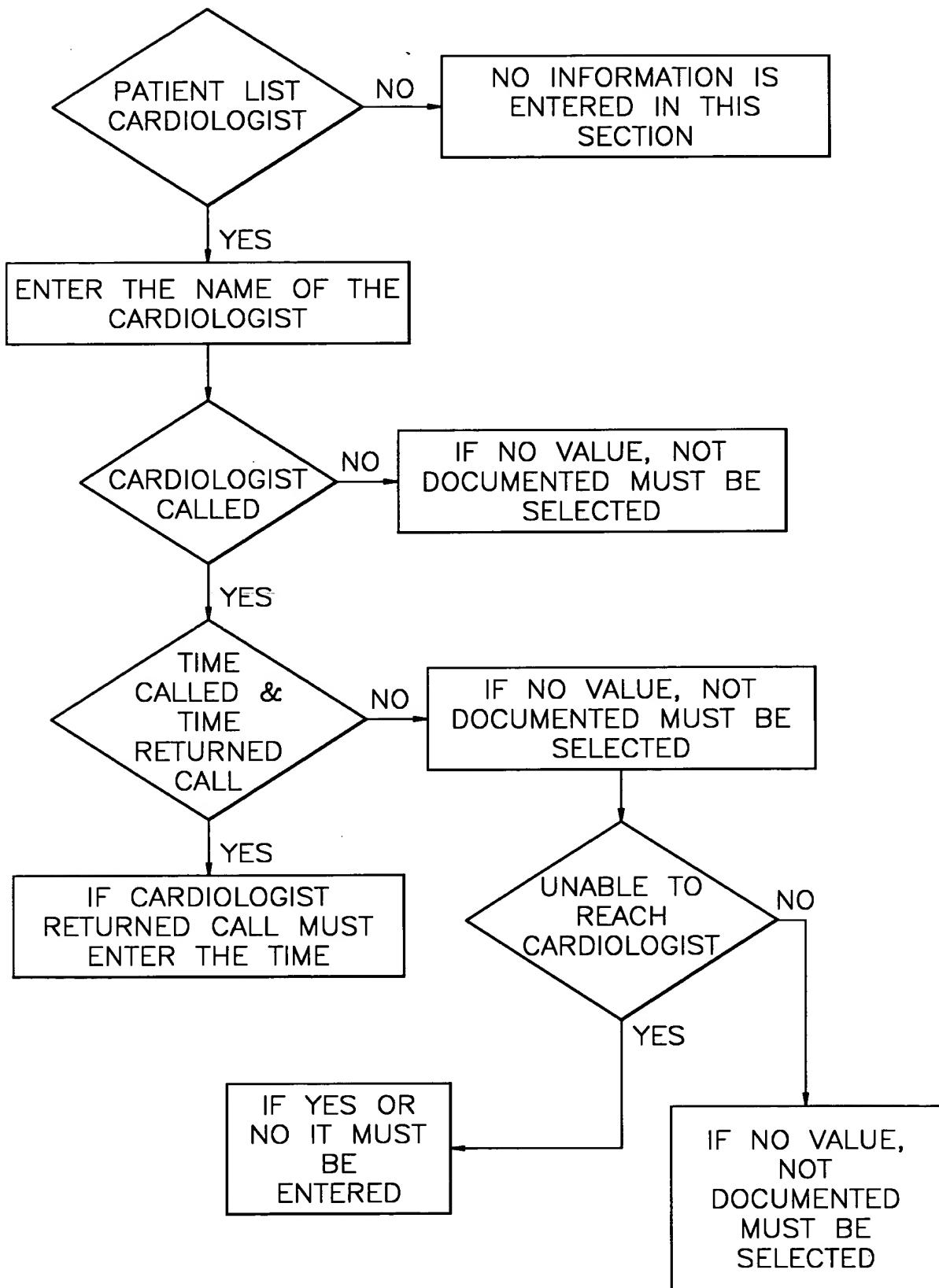


FIG-9A

CARDIOLOGIST**FIG-9B**

NO PHYSICIAN LISTED

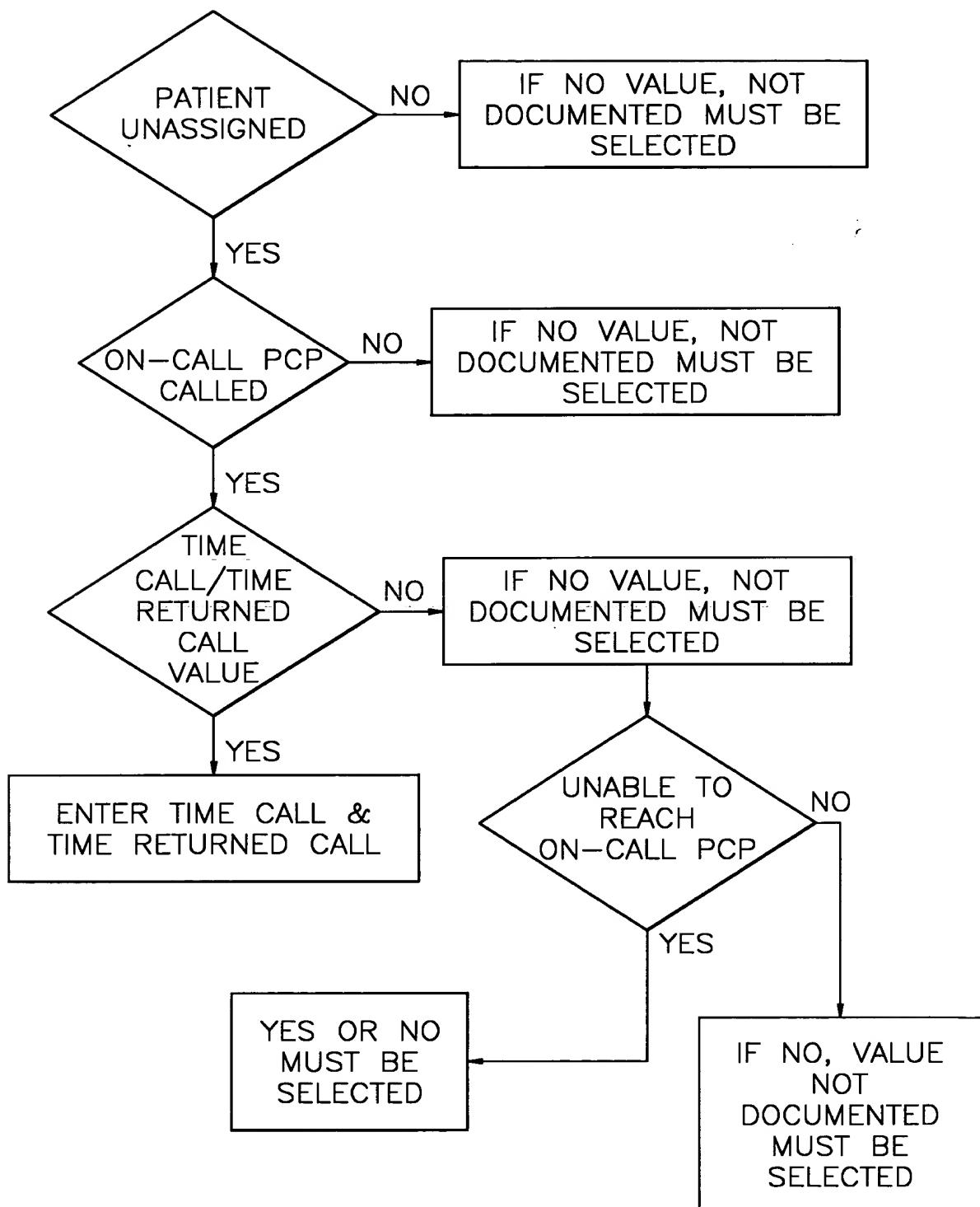


FIG-9C

CARDIO BIOMAKERS

MYOGLOBIN TESTING

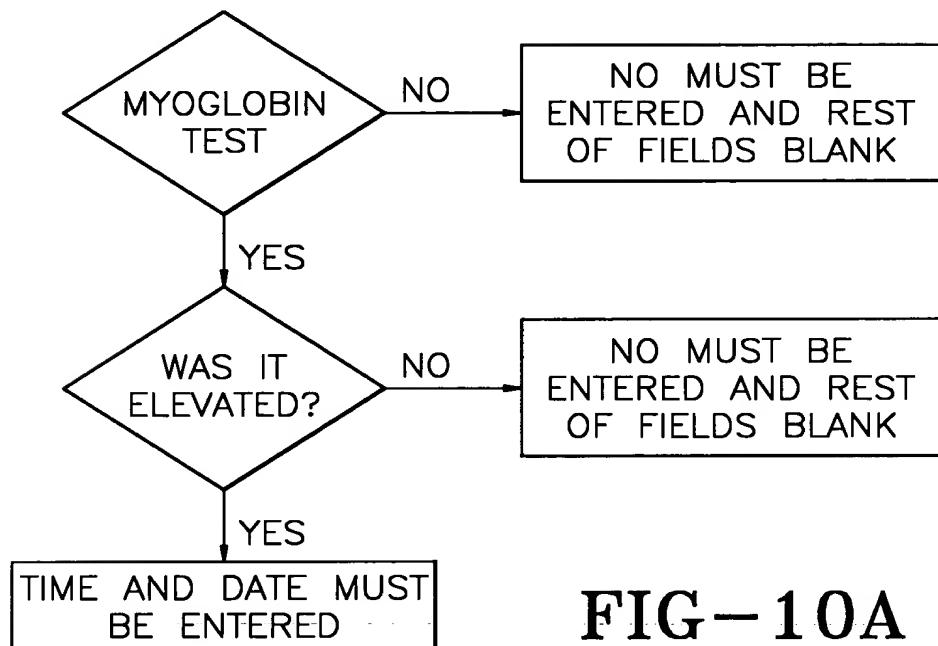


FIG-10A

CREATINE MB(CK-MB) TEST

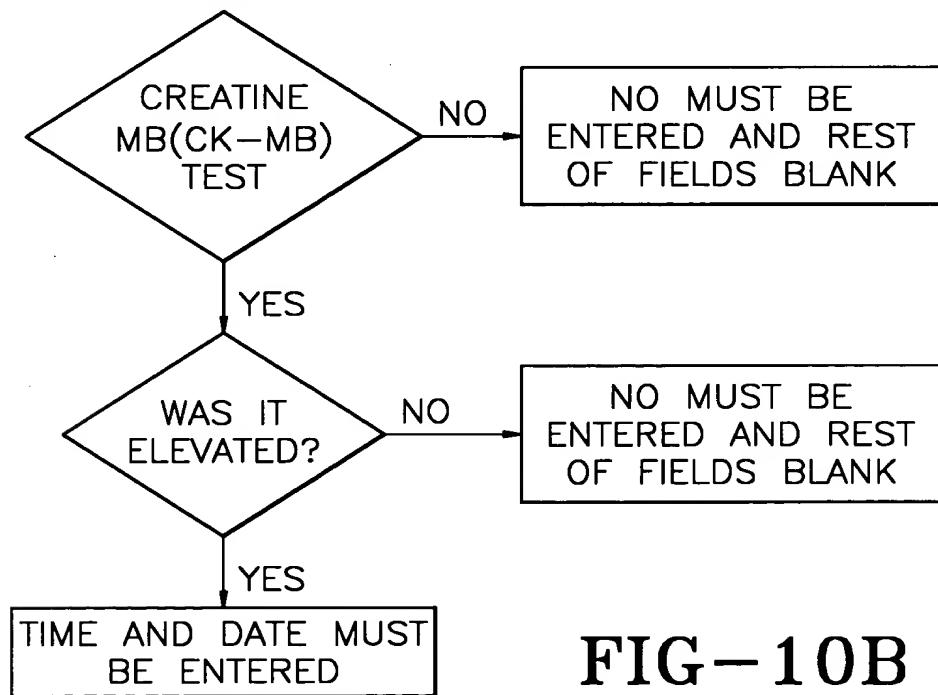


FIG-10B

CARDIO BIOMAKERS

CREATINE (CPK OR CK)

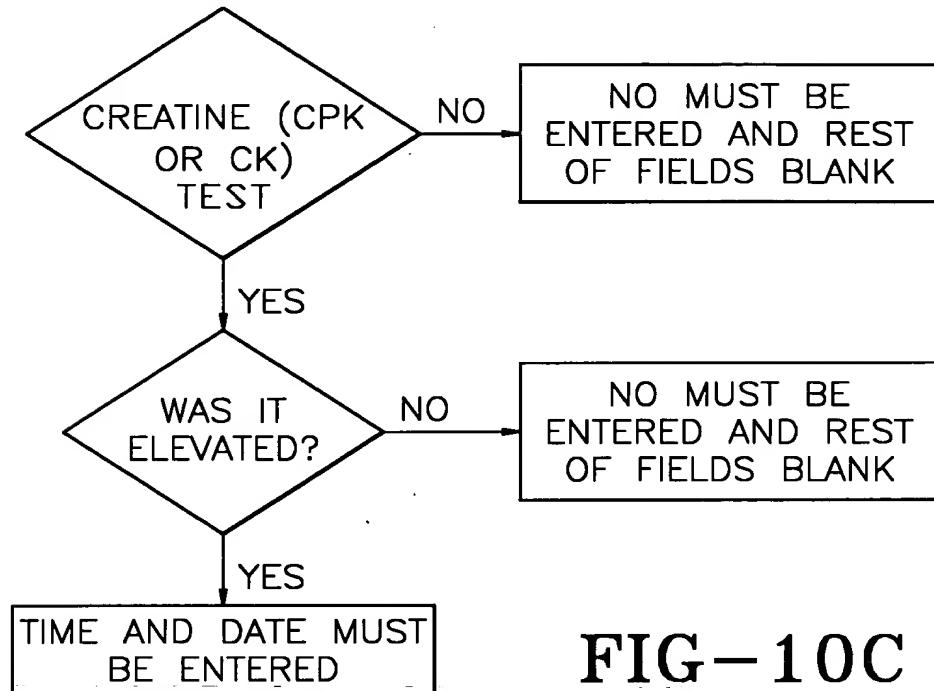


FIG-10C

TROPONIN TESTING

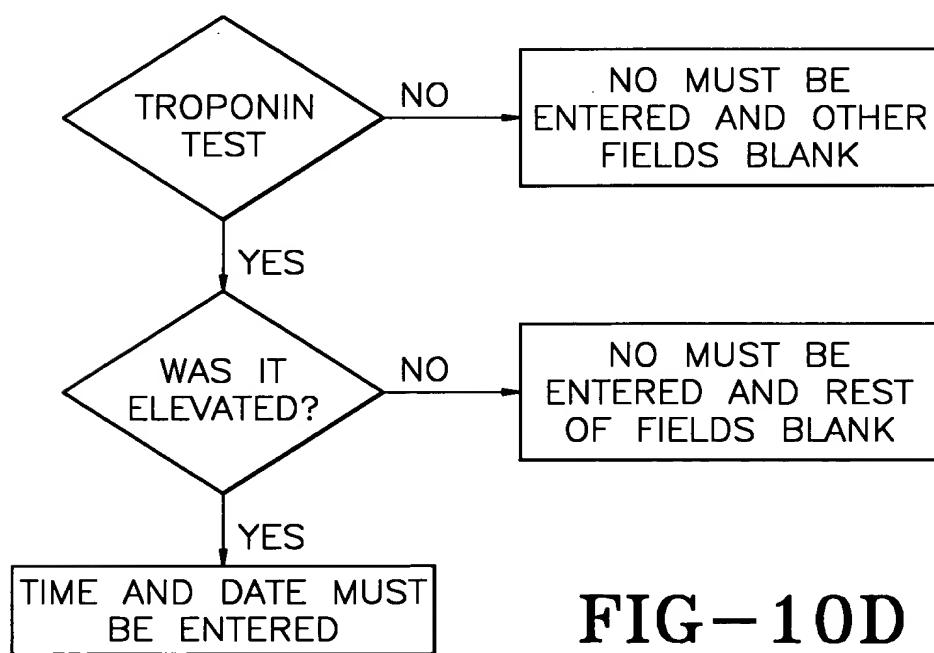


FIG-10D

00000129-0000-1000

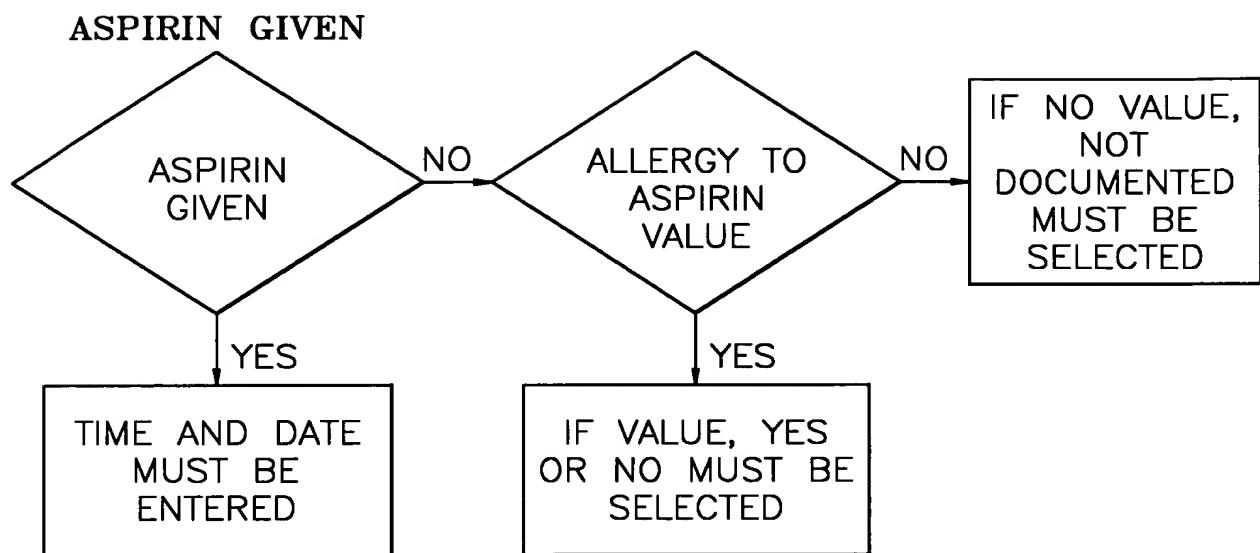


FIG-11A

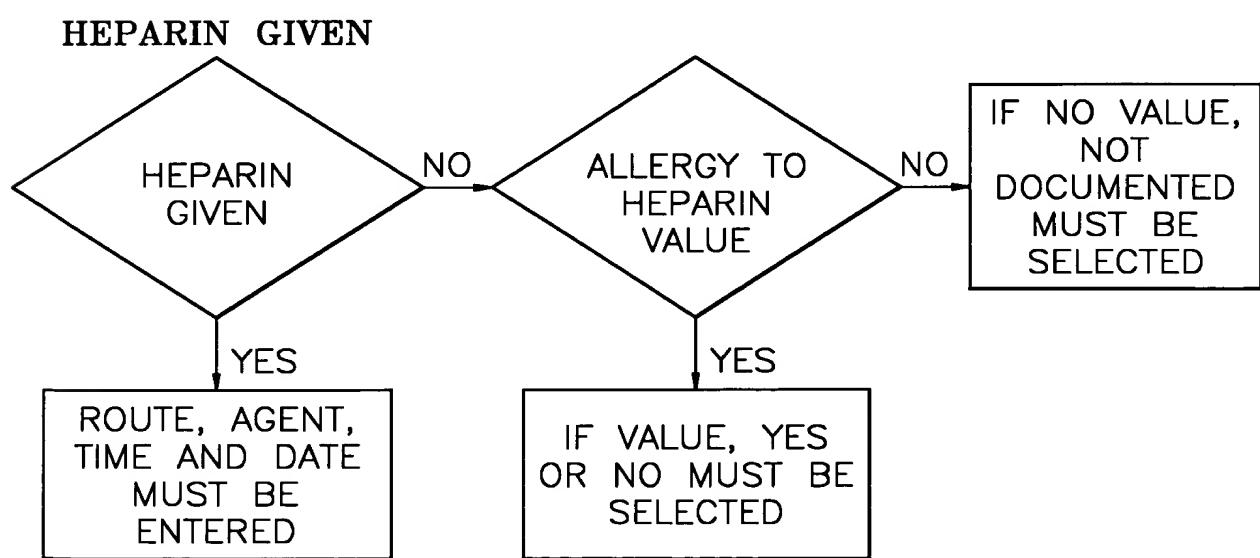


FIG-11B

BETA BLOCKER GIVEN

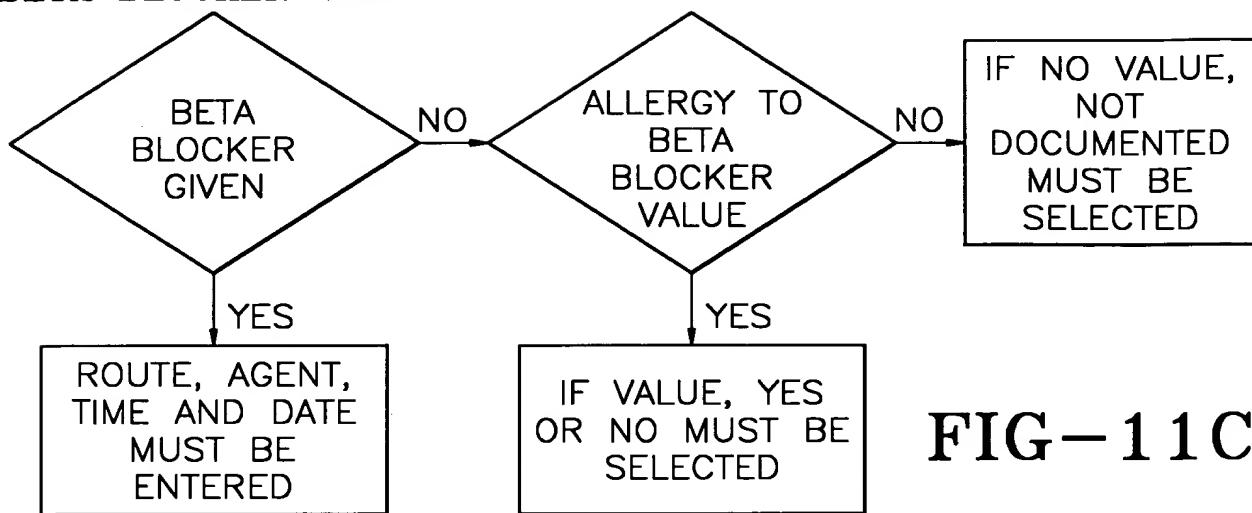


FIG-11C

CALCIUM CHANNEL BLOCKER GIVEN

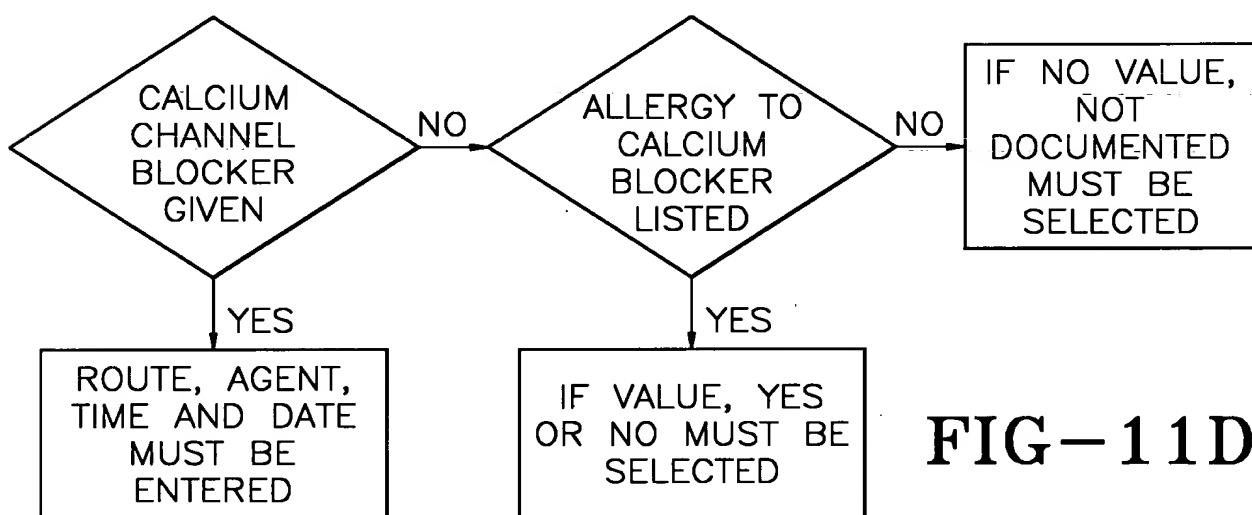


FIG-11D

NITRATES GIVEN

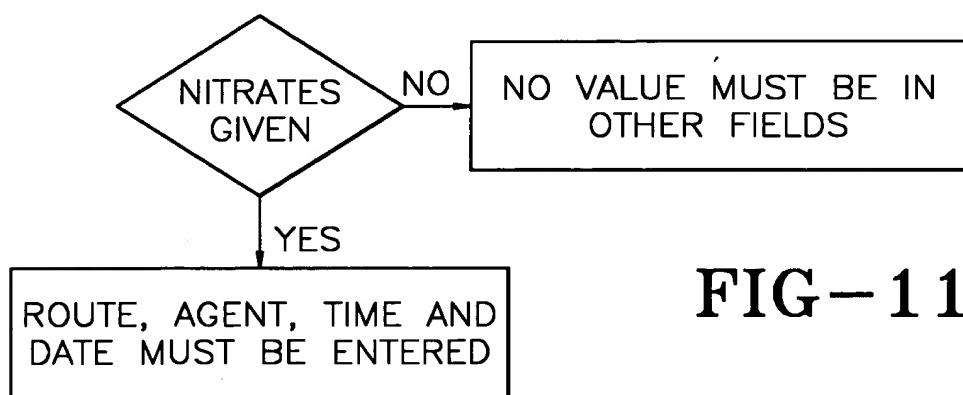


FIG-11E

09540129-032100

OTHER TESTING

STRESS TEST

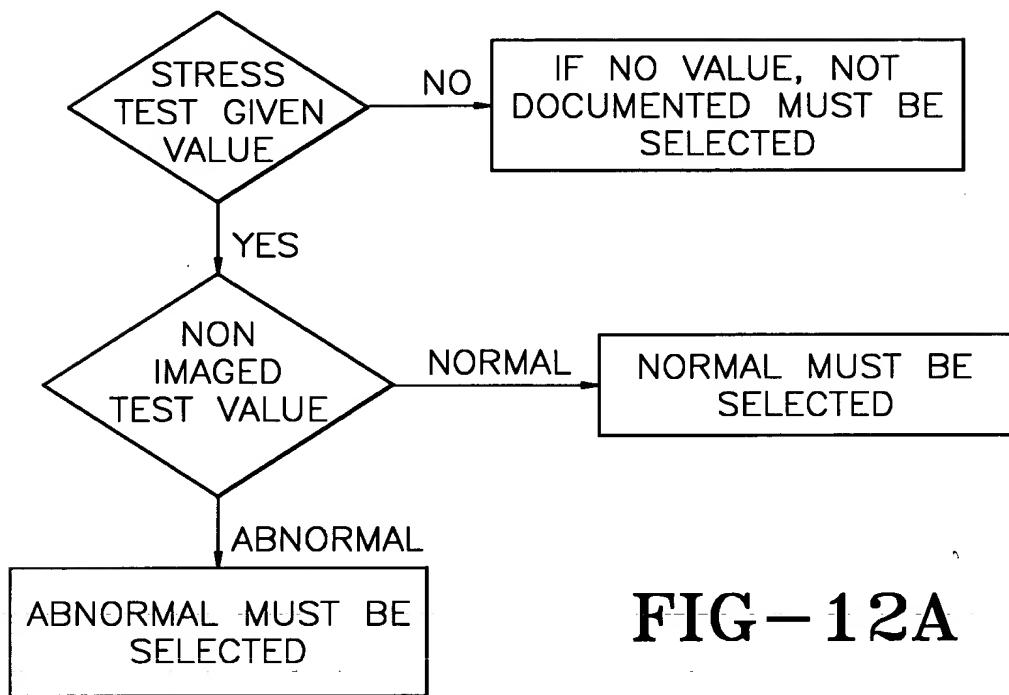


FIG-12A

NUCLEAR IMAGED STRESS

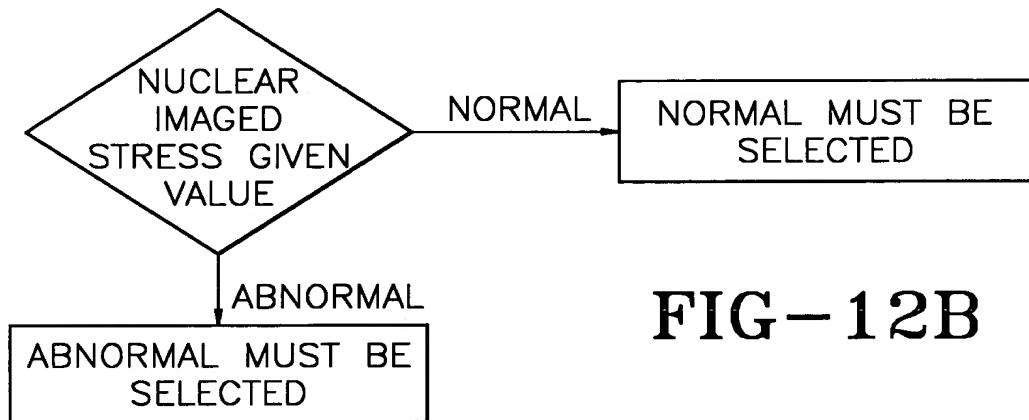


FIG-12B

00000000000000000000000000000000

STRESS ECHO TEST

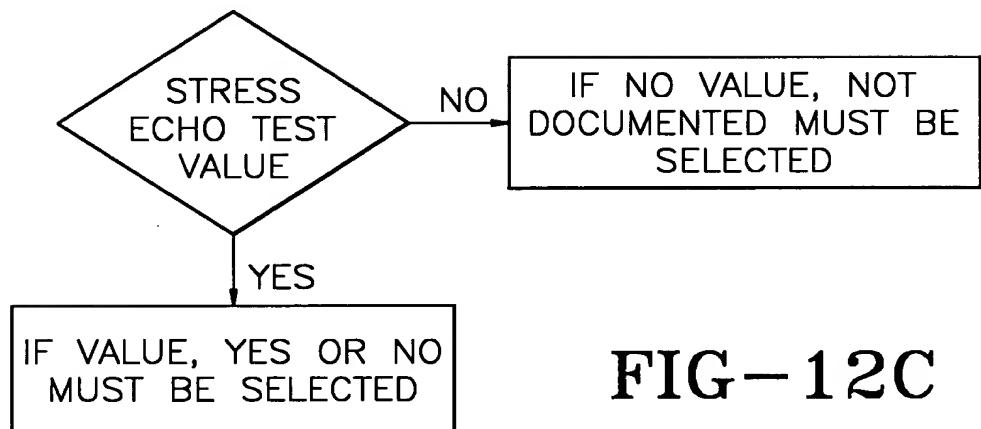


FIG-12C

DOCUMENTED = DOCUMENTED

HEART CATH



FIG-12D

TRANSFER FOR HEART CATH

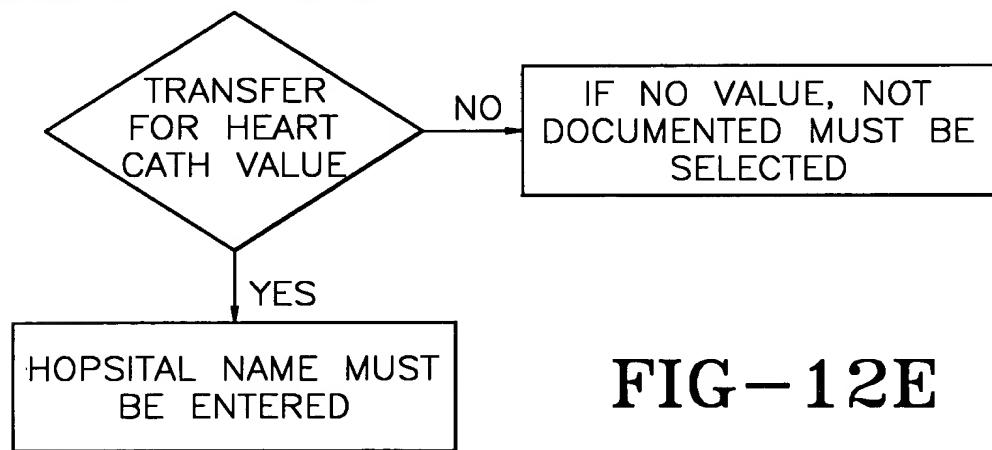


FIG-12E

TABLE: ARRIVAL MODE

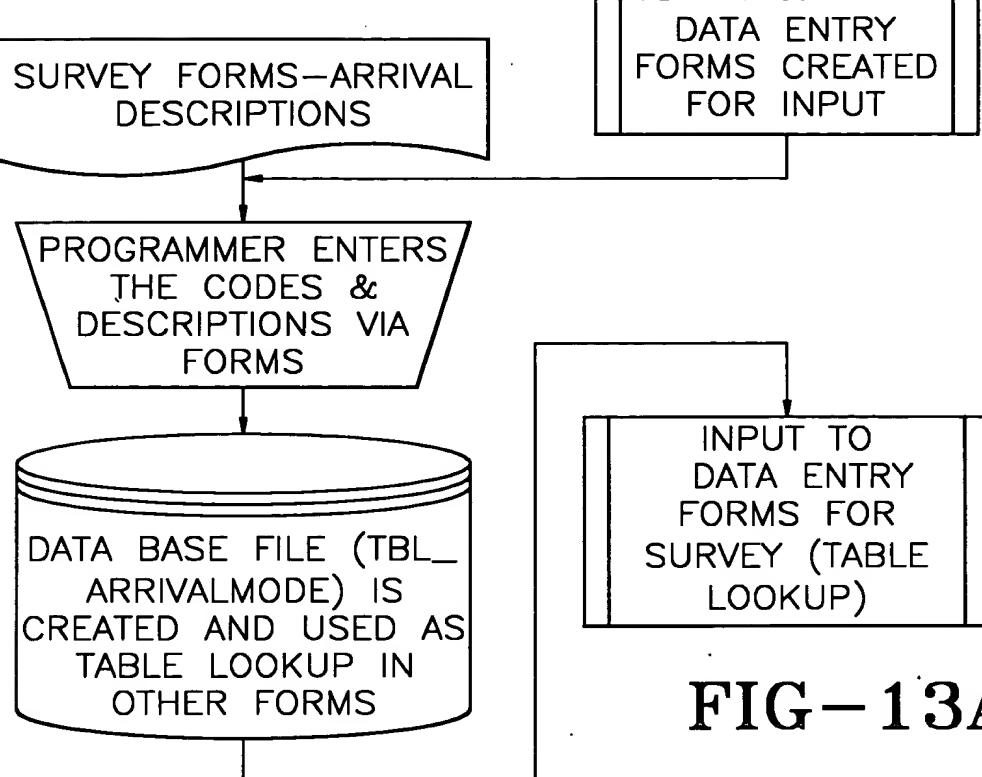


FIG-13A

TABLE: RACE

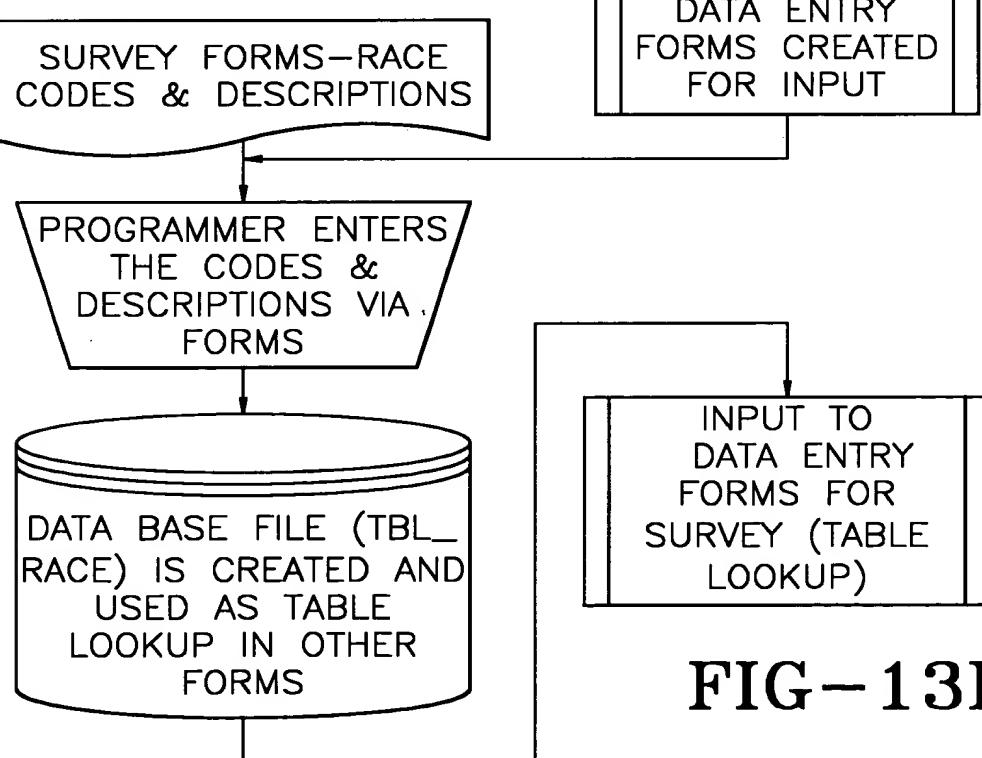


FIG-13B

09540129-032200

TABLE: GENDER

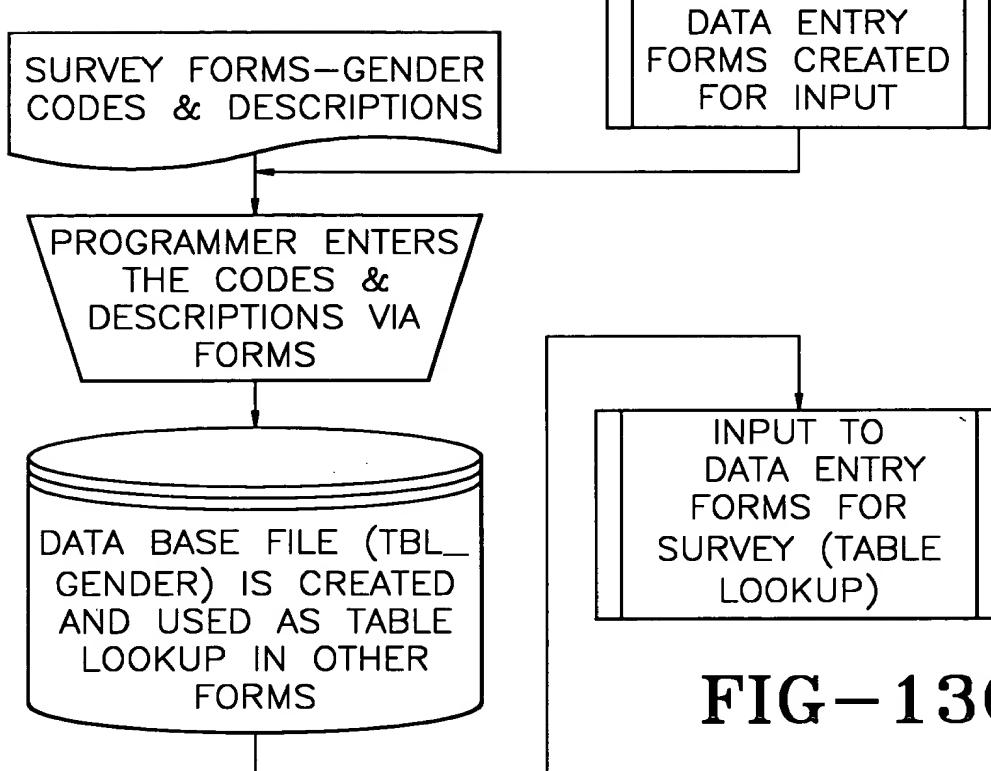


FIG-13C

TABLE: NITRATES

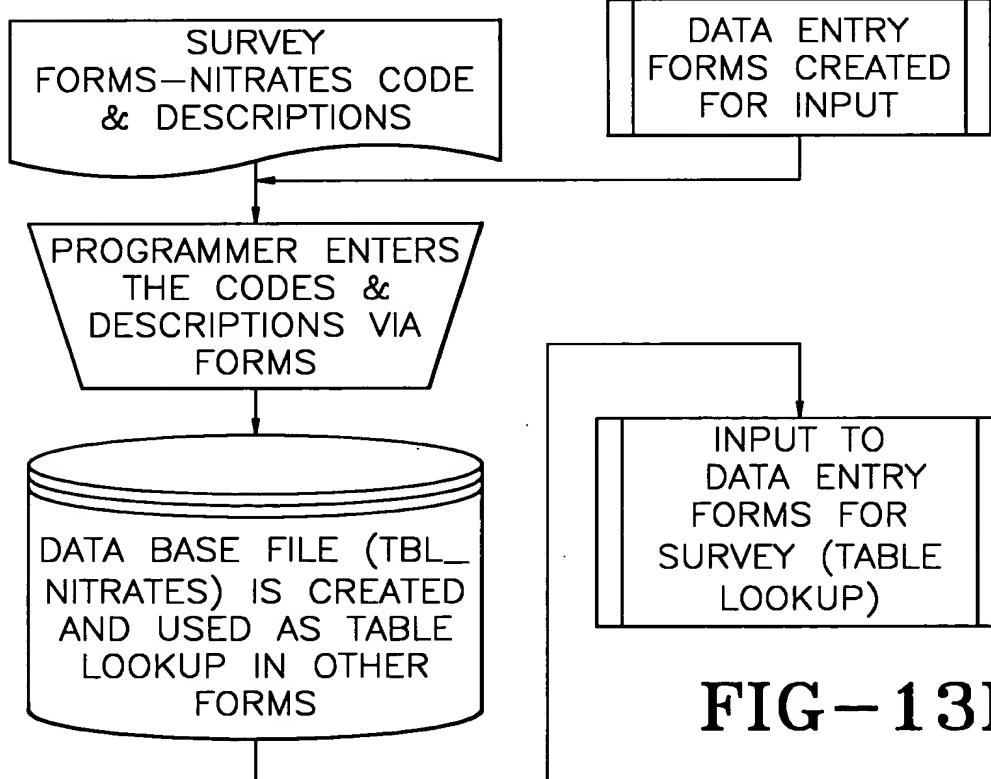


FIG-13D

TABLE: PATIENT DISPOSITION

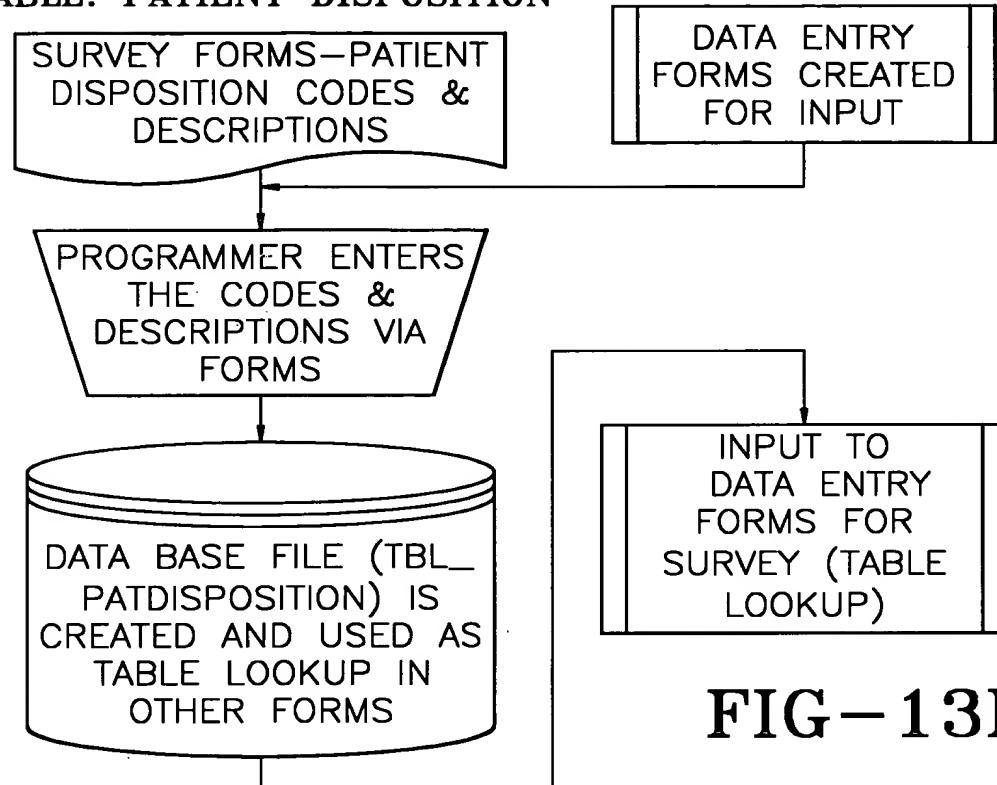


FIG-13E

TABLE: THROMBOLYTIC AGENT

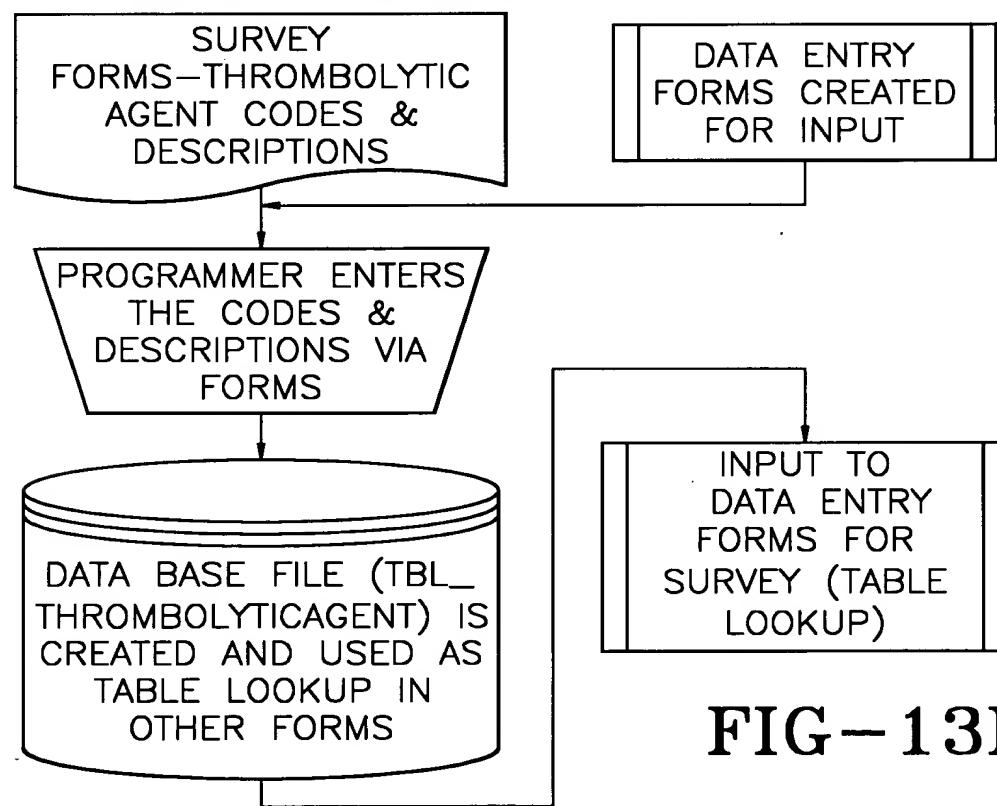


FIG-13F

TABLE: HEPARIN

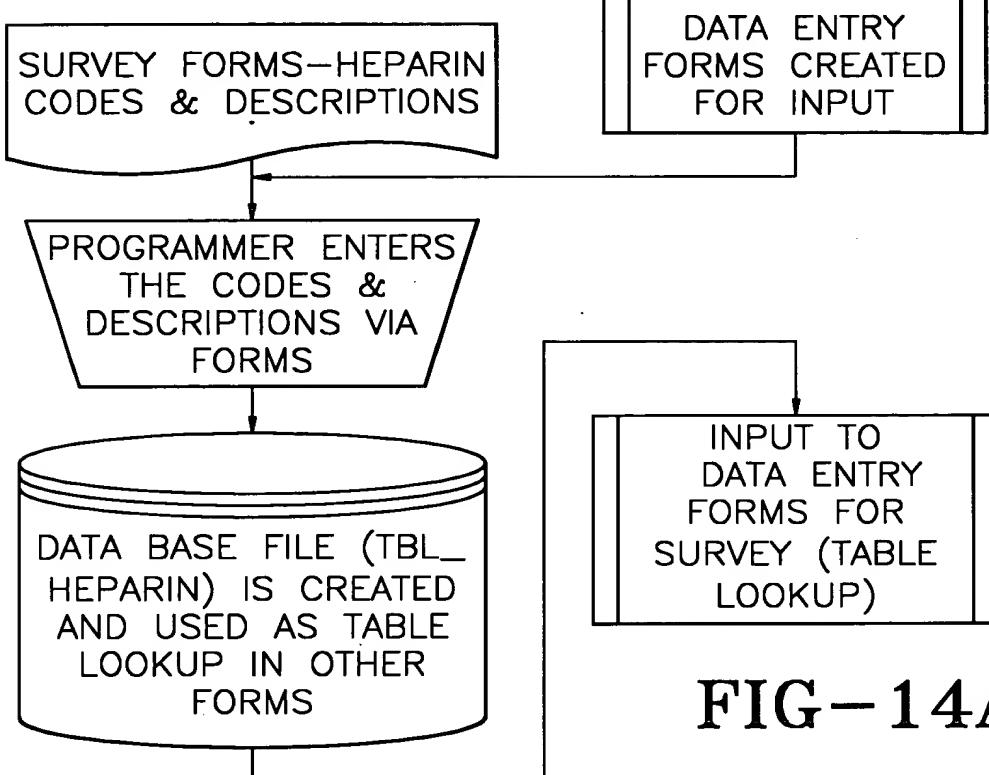


FIG-14A

TABLE: BETA BLOCKER

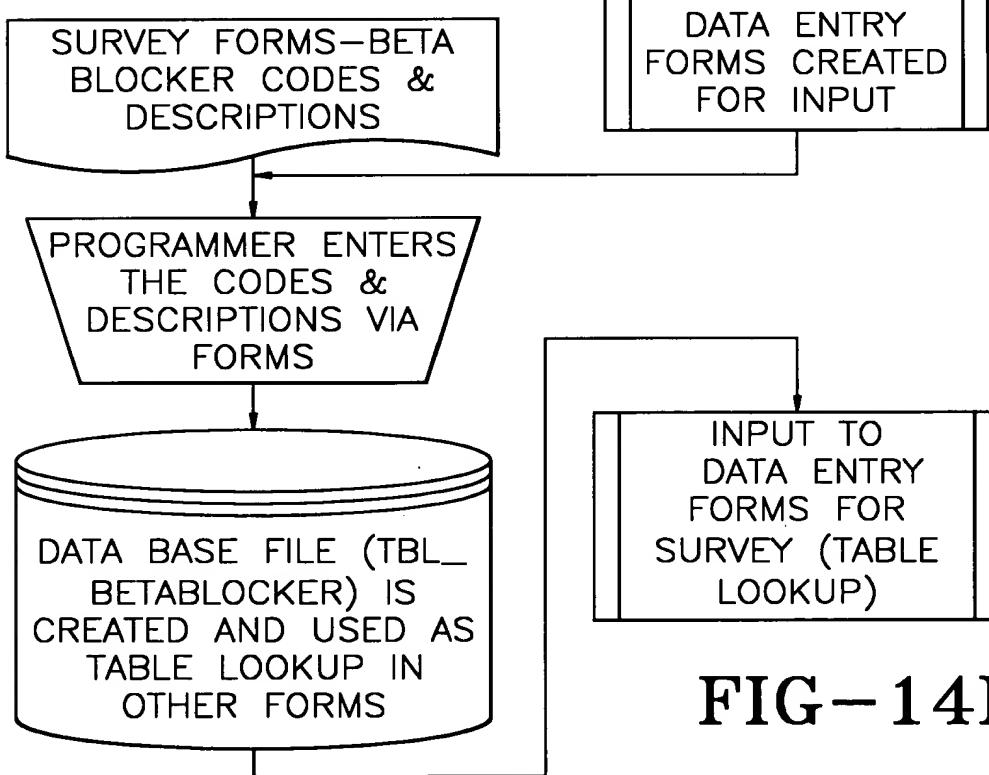


FIG-14B

00540130-02200

TABLE: CALCIUM CHANNEL BLOCKER

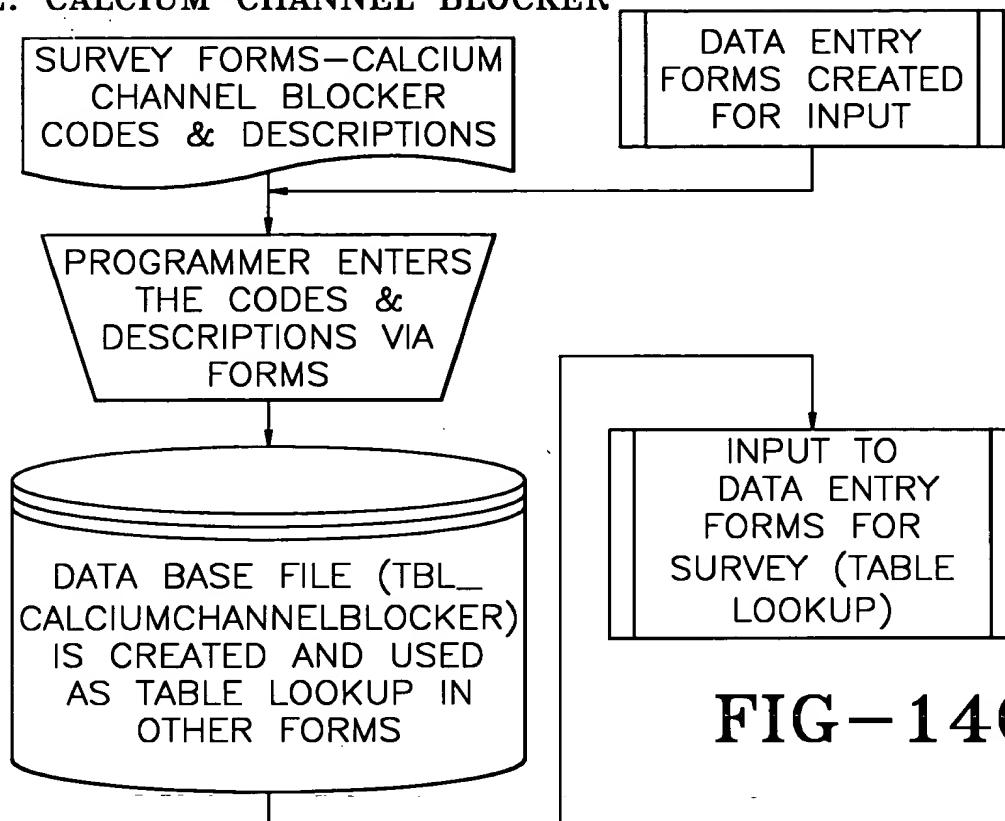


FIG-14C

TABLE: OTHER TESTING

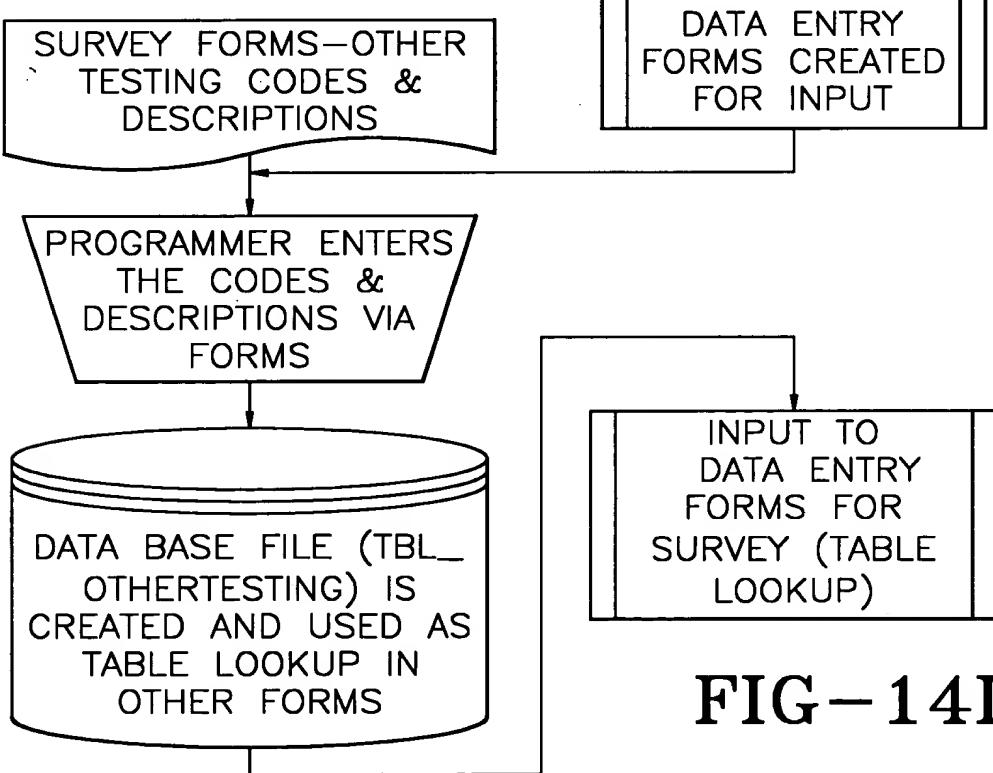


FIG-14D

00760-0000000000

TABLE: ED EKG CATEGORY DESCRIPTIONS

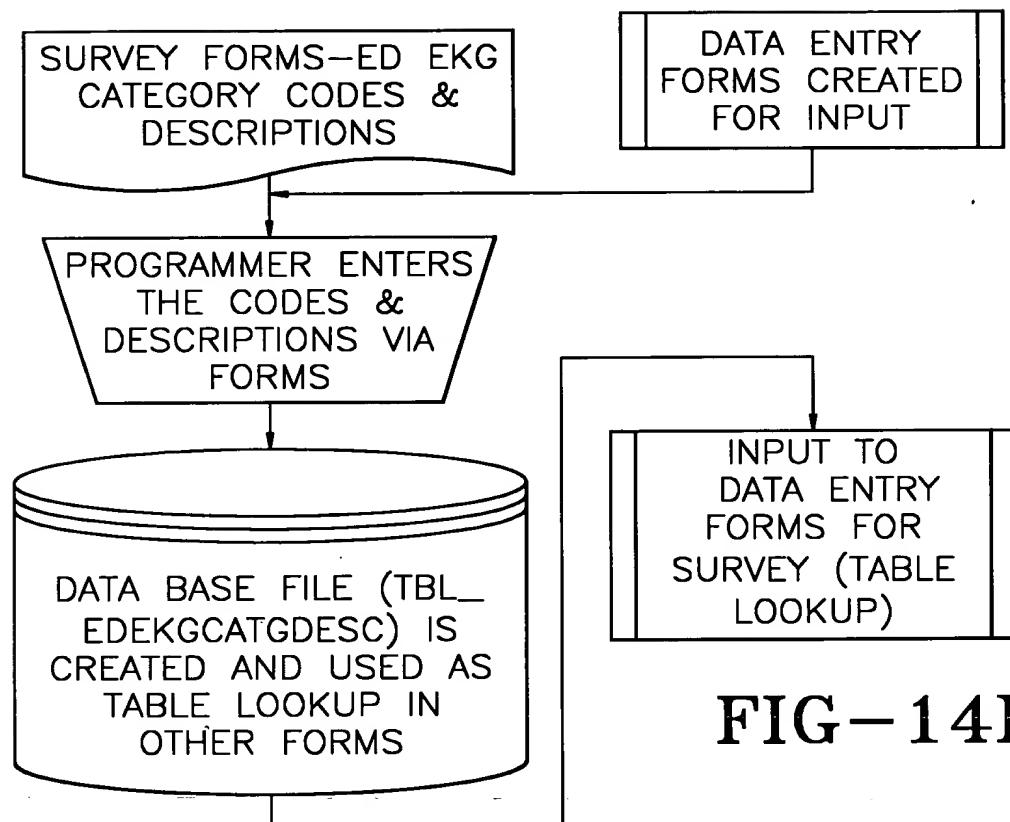


FIG-14E

TABLE: COUNTER

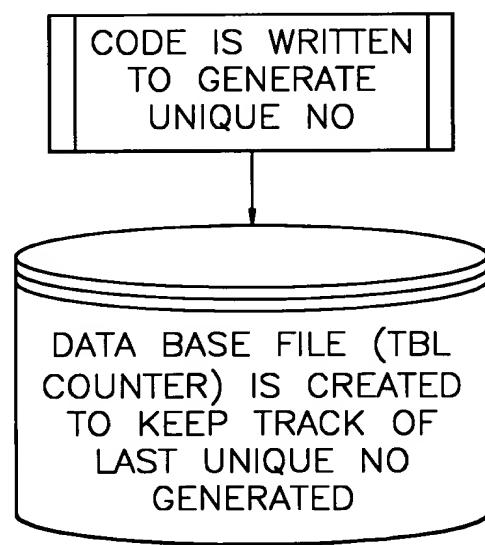


FIG-14F

PATIENT INFORMATION

MODE OF ARRIVAL & PATIENT SYMPTOMS

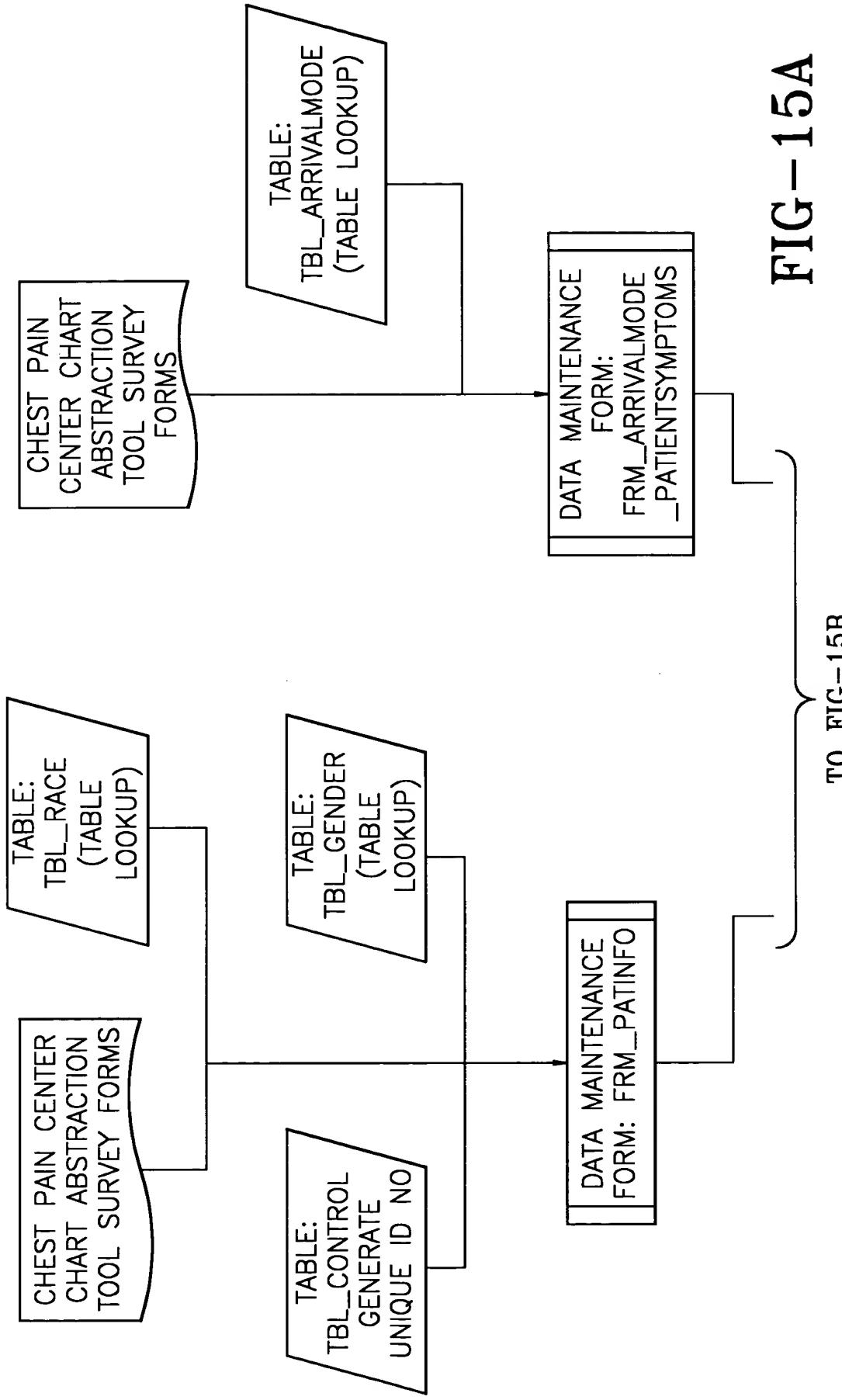


FIG-15A

TO FIG-15B

FROM FIG-15A

REPERFUSION STRATEGY

CHEST PAIN CENTER
CHART ABSTRACTION
TOOL SURVEY FORMS

TIME STAMPS AND THE
PATIENT CARE PROCESS

CHEST PAIN CENTER
CHART ABSTRACTION
TOOL SURVEY FORMS

PATIENT DISPOSITION FROM
EMERGENCY DEPARTMENT

CHEST PAIN CENTER
CHART ABSTRACTION
TOOL SURVEY FORMS

TABLE:
TBL_THROMBOLYTIC
(TABLE LOOKUP)

TABLE:
TBL_EDEKGCATDESC
(TABLE LOOKUP)

TABLE:
TBL_DISPOSITION
(TABLE LOOKUP)

DATA MAINTENANCE
FORM:
FRM_REPERFUSIONSTRATEGY

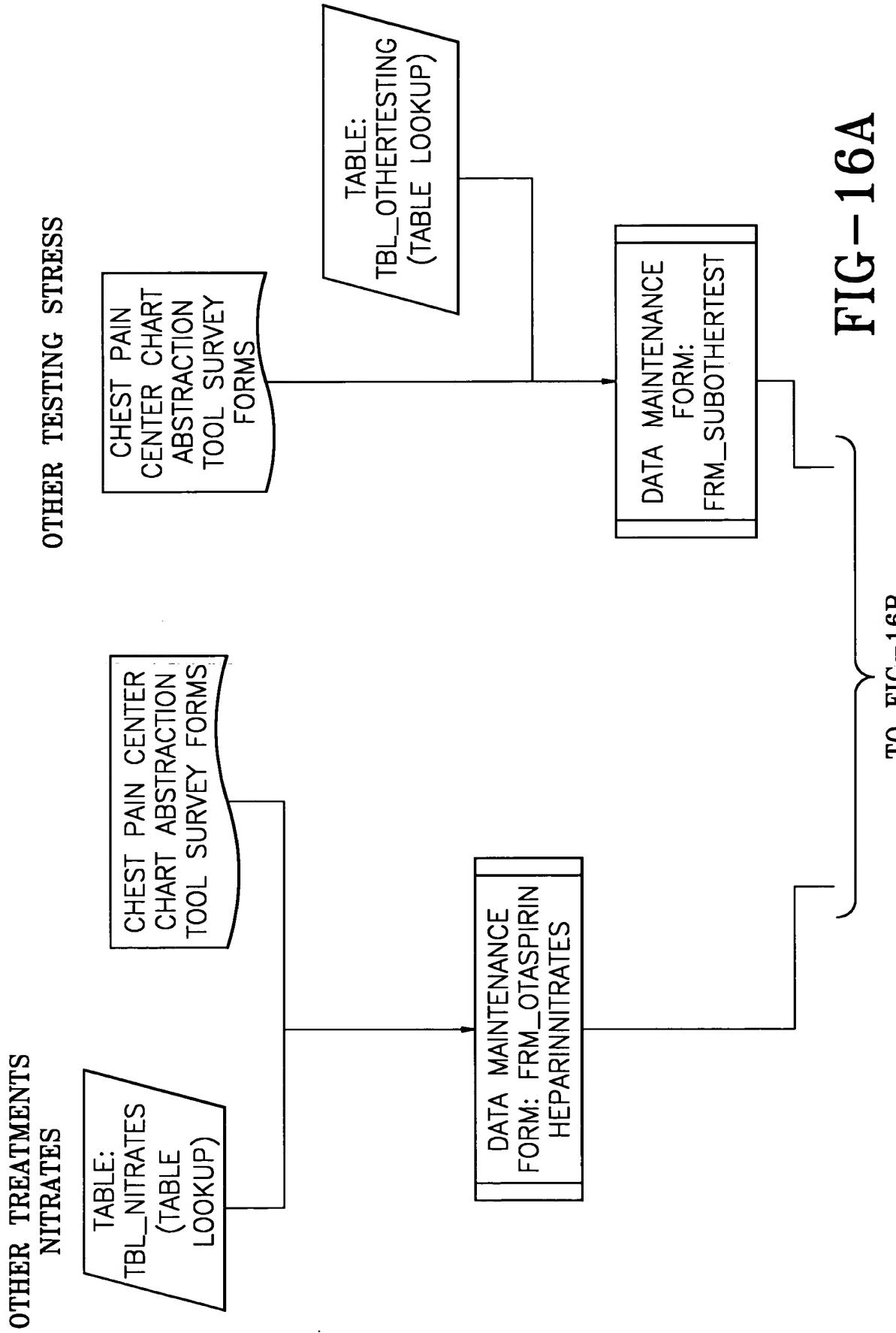
DATA MAINTENANCE
FORM:
FRM_TIMESTAMPPATIENT
CAREPROCESS

DATA MAINTENANCE
FORM:
FRM_PATIENTDISPOSITION

MAIN DATA BASE TABLE
TBL_PATEINFO

FIG-15B

DATA ENTRY SCREENS



FROM FIG-16A

OTHER TREATMENTS
CALCIUM CHANNEL BLOCKER

CHEST PAIN CENTER
CHART ABSTRACTION
TOOL SURVEY FORMS

TABLE:
TBL_CALCIUMCHANNEL
BLOCKER (TABLE
LOOKUP)

DATA MAINTENANCE
FORM:
FRM_SUBOTBETABLOCKER
CALCIUMCHANNELBLOCKER

OTHER TREATMENTS
HEPARIN

CHEST PAIN CENTER
CHART ABSTRACTION
TOOL SURVEY FORMS

TABLE:
TBL_HEPARIN
(TABLE LOOKUP)

DATA MAINTENANCE
FORM: FRM_OTASPIRIN
HEPARINNITRATES

OTHER TREATMENTS
BETA BLOCKER

CHEST PAIN CENTER
CHART ABSTRACTION
TOOL SURVEY FORMS

TABLE:
TBL_BETABLOCKER
(TABLE LOOKUP)

DATA MAINTENANCE
FORM:
FRM_SUBOTBETABLOCKER
CALCIUMCHANNELBLOCKER

DATA BASE TABLE
TBL_PATPCPIN

FIG - 16B

Chest Pain Center Chart Abstraction Tool Data Forms		
Patient Information		
Hospital Name	Jackson Memorial Hospital	Patient Name
	CARYC	Hospital No.
Mode of Arrival/Patient Symptoms	Cardiac Biomakers (thru CK-MB)	
Time Stamp and the Patient Care Process	Cardiac Biomarkers (Troponin)	
Reperfusion Strategy	Other Treatments (thru Nitrates)	
Patient Disposition from ED	Other Treatments (Blockers)	
PCP Cardiologist	Other Testing	
No Physician Listed	Financial Information Top Ten Payors	
Close Form		

FIG-17A

Chest Pain Center Chart Abstraction Tool – Quality Assurance					
Patient Information					
Hospital Name:	Jackson Memorial Hospital				
Patient Name:	CARYC	Birth Date:	7/8/65	Gender:	<input type="text"/>
Unique Hospital Number:	1234567890				
Race:	<input type="text"/> H				
<input type="button"/> Next	<input type="button"/> Previous	<input type="button"/> First	<input type="button"/> Last	<input type="button"/> Find	<input type="button"/> Save
<input type="button"/> Enter/Edit Survey	<input type="button"/> System Maintenance			<input type="button"/> Add	<input type="button"/> Undo
			<input type="button"/> Delete		
<input type="button"/> Exit Application					

FIG-17B

DATE E.D. "GETTING IN

Patient Information					
Hospital Name	Jackson Memorial Hospital	Patient Name			
	<input type="text"/> CARYC	Hospital No.			
<input type="text"/> 1234567890					
Mode of Arrival:	<input type="text"/> OTHER	Time of Fire & Rescue Notification:			
Time Fire & Rescue Arrival:	<input type="text"/>				
Which Fire & Rescue Unit Responded:	<input type="text"/>				
Transfer Facility Name:	<input type="text"/>				
Other Transfer Description:	<input type="text"/> KKKKK				
Patient Symptoms					
Chest Pain:	<input type="checkbox"/>	Chest Discomfort:	<input checked="" type="checkbox"/>	Angina:	<input checked="" type="checkbox"/>
Chest Hurts:	<input checked="" type="checkbox"/>	I'm having heart attack	<input checked="" type="checkbox"/>	Neck pain:	<input checked="" type="checkbox"/>
Arm/shoulder pain:	<input checked="" type="checkbox"/>	Short of breath	<input checked="" type="checkbox"/>	Abdominal pain:	<input checked="" type="checkbox"/>
Other:	<input checked="" type="checkbox"/>	Other Symptom Description:	<input type="text"/> TEST		
Time of first onset of significant symptoms:			<input type="text"/> 12:00	Not Documented:	<input type="checkbox"/>
Date of first onset of significant symptoms (if different from ED arrival date):			<input type="text"/> 11/11/95		
<input type="checkbox"/> Close Form			<input type="checkbox"/> Time Stamp and the Patient Care Process		

FIG-17C

Patient Information	
Hospital Name	Jackson Memorial Hospital
Patient Name	CARYC
Hospital No.	1234567890
Time Stamp and the Patient Care Process	
Date first ED EKG (if different from arrival date):	11/11/95
Time the first EKG seen by ED doctor:	
Date first ED EKG seen by ED doctor (if different from arrival date):	11/11/95
Time doctor makes decision to use thrombolytic or direct angioplasty:	
Date doctor makes decision (if different from arrival date):	11/11/95
What was the first ED EKG (as read by the ED physician)?	[DIAGNOSTIC ACUTE ISCHEMIA/INFARCT]
Did the ED physician document his/her EKG interpretation?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Did the ED physician sign his/her EKG interpretation?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What was the first ED EKG (as read by the official reader)?	[ABNORMAL NONDIAGNOSTIC ACUTE]
Time of first EKG felt to be diagnostic for acute ischemia/infarction:	
Date of first diagnostic EKG (if different from arrival date):	
How did the official reader interpret this EKG?	[ABNORMAL NONDIAGNOSTIC ACUTE]
Reperfusion Strategy	
Close Form	

FIG-17D

Patient Information		
Hospital Name [Jackson Memorial Hospital]	Patient Name [CARYC]	Hospital No. [1234567890]
Reperfusion Strategy		
Thrombolytic agent given? _____	Thrombolytic Agent Type? _____	Time Thrombolytic agent initiated: _____
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Date (if different from arrival date): _____
Did patient reperfuse? _____	Did patient undergo rescue angioplasty? _____	Time to wire: _____
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Date (if different from arrival date): _____
Primary angioplasty? _____		Time artery opened: _____
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Close Form		Patient Disposition from ED

FIG-17E

Patient Information	
Hospital Name <input type="text" value="Jackson Memorial Hospital"/>	Patient Name <input type="text" value="CARYC"/> Hospital No. <input type="text" value="1234567890"/>
Patient Disposition from Emergency Department	
Patient Disposition from Emergency Department: <input type="text" value="TRANSFER HOSPITAL"/>	
If admitted to hospital, what unit did the patient get admitted to: <input type="text"/>	
If transferred to another hospital, which hospital: <input type="text" value="Ikujihlk"/>	
Time ED physician made decision to admit or transfer: <input type="text"/>	
Date (if different from arrival date): <input type="text" value="11/11/95"/>	Time patient actually left ED: <input type="text" value="15:45"/>
Date (if different from arrival date): <input type="text" value="11/11/95"/>	
Final ED Diagnosis (2) (from ED record)	
First Dx: <input type="text"/>	Billing Code: <input type="text"/> Not Documented: <input type="checkbox"/>
Second Dx: <input type="text"/>	Billing Code: <input type="text"/> Not Documented: <input type="checkbox"/>
Close Form	
PCP Cardiologist	
Final Hospital Discharge Diagnosis (3) (from hospital chart if patient was admitted)	
First Dx: <input type="text"/>	DRG Code <input type="text" value="tttt"/> Not Documented: <input type="checkbox"/>
Second Dx: <input type="text" value="gggg"/>	DRG Code <input type="text"/> Not Documented: <input type="checkbox"/>
Third Dx: <input type="text"/>	DRG Code <input type="text" value="gggg"/> Not Documented: <input type="checkbox"/>
Caregiver Information	
Name of Emergency Physician caring for patient: <input type="text"/>	
Name of Emergency Nurse caring for patient: <input type="text"/>	

FIG-17F

Patient Information	
Hospital Name	Jackson Memorial Hospital
Patient Name	CARYC
Hospital No.	1234567890
Primary Care Physician	
Did patient list a primary care physician? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, name: _____	
Was the primary care physician called? <input type="checkbox"/> Not Documented:	
If yes, time PCP was called: <input type="checkbox"/> Not Documented:	
If yes, time PCP returned the call: <input type="checkbox"/> Not Documented:	
If yes, unable to reach the PCP: _____	
Cardiologist	
Did patient list a cardiologist? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, name: _____	
Was a Cardiologist called? <input type="checkbox"/> Not Documented:	
If yes, time Cardiologist was called: <input type="checkbox"/> Not Documented:	
If yes, time Cardiologist returned the call: <input type="checkbox"/> Not Documented:	
If yes, unable to reach the Cardiologist: _____	
Close Form <input type="checkbox"/> No Physician Listed	

FIG-17G

Patient Information		
Hospital Name	Jackson Memorial Hospital	Patient Name
		CARYC
		Hospital No.
		1234567890
Was patient "unassigned" (did not have a physician)? -		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, was the "on call" PCP called? <input type="checkbox"/>		
If yes, time "on call" PCP was called: <input type="checkbox"/>		
If yes, time "on call" PCP returned the call: <input type="checkbox"/>		
If yes, unable to reach the "on call" PCP: <input type="checkbox"/>		
Not Documented: <input type="checkbox"/>		
Not Documented: <input type="checkbox"/>		
Not Documented: <input type="checkbox"/>		
Close Form		
Cardiac Biomarkers (thru CK-MB)		

FIG-17H

Cardiac Biomarkers	
Was myoglobin testing done? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was it elevated? <input type="checkbox"/>
If elevated, what was time of first abnormal test: Date (if different from arrival date): <input type="checkbox"/> <input type="checkbox"/>	
Was creatine kinase (CPK or CK) testing done? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was it elevated? <input type="checkbox"/>
If elevated, what was time of first abnormal test: Date (if different from arrival date): <input type="checkbox"/> <input type="checkbox"/>	
Was creatine kinase MB(CK-MB) testing done? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was it elevated? <input type="checkbox"/>
If elevated, what was time of first abnormal test: Date (if different from arrival date): <input type="checkbox"/> <input type="checkbox"/>	

FIG-17I

Cardiac Biomarkers	
Was Troponin testing done? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was it elevated? <input type="checkbox"/>
If elevated, what was time of first abnormal test: Date (if different from arrival date): <input type="checkbox"/> <input type="checkbox"/>	
Was only a single CPK, CK or CK-MB done? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Was it elevated? <input type="checkbox"/>	
Was a 0-6-12 hour protocol followed? <input type="checkbox"/>	
Was a 0-8-16 hour protocol followed? <input type="checkbox"/>	

FIG-17J

Other Treatments	
- Aspirin given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, time first aspirin given: Date (if different from arrival date): If no, allergy to aspirin listed: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
- Heparin given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, route: Time first heparin given: Date (if different from arrival date): If no, allergy to heparin listed: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
- Nitrates given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, route: Name of agent used: Time first nitrate given: Date (if different from arrival date): <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

FIG-17K

Other Treatments	
<p>Beta Blocker given? —</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If yes, route: Name of agent used: Time first Beta Blocker given: Date (if different from arrival date): If no, allergy to Beta Blocker listed:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Calcium Channel Blocker given? —</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If yes, route: Name of agent used: Time first calcium channel blocker given: Date (if different from arrival date): If no, allergy to calcium channel blocker listed:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

FIG-17L

Financial Information Top Ten Payors		
Payor1:		
Payor2:		
Payor3:		
Payor4:		
Payor5:		
Payor6:		
Payor7:		
Payor8:		
Payor9:		
Payor10:		
OtherPayor:		
<input type="button" value="Close Form"/>		

FIG-17M